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NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	DEC 01	ChemPort single article sales feature unavailable
NEWS 3	JUN 01	CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS 4	JUN 26	NUTRACEUT and PHARMAML no longer updated
NEWS 5	JUN 29	IMSCOPROFILE now reloaded monthly
NEWS 6	JUN 29	EPFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields
NEWS 7	JUL 09	PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS 8	JUL 14	USGENE enhances coverage of patent sequence location (PSL) data
NEWS 9	JUL 27	CA/CAplus enhanced with new citing references
NEWS 10	JUL 16	GBFULL adds patent backfile data to 1855
NEWS 11	JUL 21	USGENE adds bibliographic and sequence information
NEWS 12	JUL 28	EPFULL adds first-page images and applicant-cited references
NEWS 13	JUL 28	INPADOCDB and INPAFAMDB add Russian legal status data
NEWS 14	AUG 10	Time limit for inactive STN sessions doubles to 40 minutes
NEWS 15	AUG 18	COMPENDEX indexing changed for the Corporate Source (CS) field
NEWS 16	AUG 24	ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 17	AUG 24	CA/CAplus enhanced with legal status information for U.S. patents
NEWS 18	SEP 09	50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY
NEWS 19	SEP 11	WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 15:04:14 ON 16 SEP 2009

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.22       0.22

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STRUCTURE FILE UPDATES:   14 SEP 2009  HIGHEST RN 1184350-41-1
DICTIONARY FILE UPDATES:  14 SEP 2009  HIGHEST RN 1184350-41-1

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http://www.cas.org/support/stngen/stndoc/properties.html

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Uploading C:\Program Files\STNEXP\Queries\845.str
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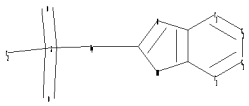

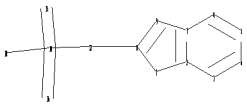

chain nodes :
12 14 15 16 18
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
8-12 12-14 14-15 14-16 14-18
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9
exact/norm bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 8-12 12-14 14-15 14-16 14-18
isolated ring systems :
containing 1 :

G1:C,N

G2:Cb,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 12:Atom
14:CLASS 15:CLASS 16:CLASS 18:CLASS

L1 STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 15:04:43 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 184215 TO ITERATE

100.0% PROCESSED 184215 ITERATIONS 438 ANSWERS
SEARCH TIME: 00.00.04

L2 438 SEA SSS FUL L1

=> file capl
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 185.88 186.10

FILE 'CAPLUS' ENTERED AT 15:04:55 ON 16 SEP 2009
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FILE COVERS 1907 - 16 Sep 2009 VOL 151 ISS 12
FILE LAST UPDATED: 15 Sep 2009 (20090915/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/CAplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 9.

=> s l2
L3 38 L2

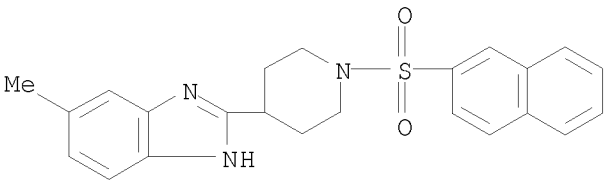
=> d l3 1-38 ibib hitstr

L3 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:846113 CAPLUS
DOCUMENT NUMBER: 151:92850
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA

SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545 A1		20090625	US 2008-XO341615	20081222
PRIORITY APPLN. INFO.:			US 2007-16362P	20071221
			US 2008-23801P	20080125

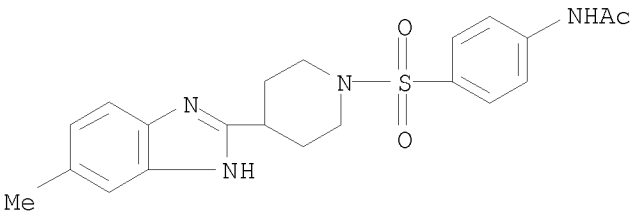
IT 836691-82-8
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)
RN 836691-82-8 CAPLUS
CN 1H-Benzimidazole, 6-methyl-2-[1-(2-naphthalenylsulfonyl)-4-piperidinyl]- (CA INDEX NAME)



L3 ANSWER 2 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:846101 CAPLUS
DOCUMENT NUMBER: 151:92838
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545 A1		20090625	US 2008-XC341615	20081222
PRIORITY APPLN. INFO.:			US 2007-16362P	20071221
			US 2008-23801P	20080125

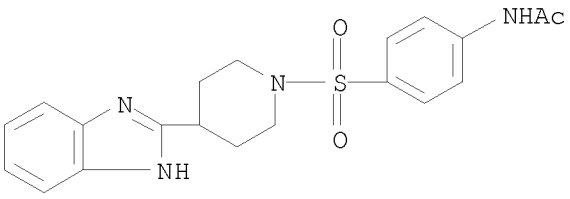
IT 836691-75-9
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)
RN 836691-75-9 CAPLUS
CN Acetamide, N-[4-[[4-(6-methyl-1H-benzimidazol-2-yl)-1-piperidinyl]sulfonyl]phenyl]- (CA INDEX NAME)



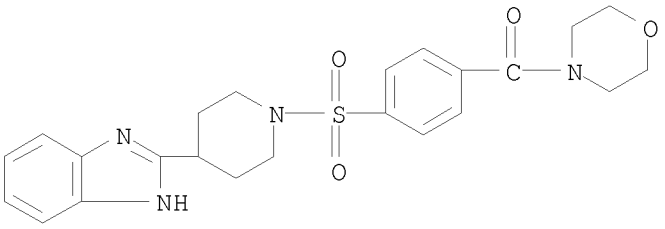
L3 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:846100 CAPLUS
DOCUMENT NUMBER: 151:92837
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545 A1		20090625	US 2008-XB341615	20081222
PRIORITY APPLN. INFO.:			US 2007-16362P	20071221
			US 2008-23801P	20080125

IT 605628-23-7 606083-19-6
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)
RN 605628-23-7 CAPLUS
CN Acetamide, N-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]sulfonyl]phenyl]- (CA INDEX NAME)



RN 606083-19-6 CAPLUS
CN Methanone, [4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]sulfonyl]phenyl]-4-morpholinyl- (CA INDEX NAME)

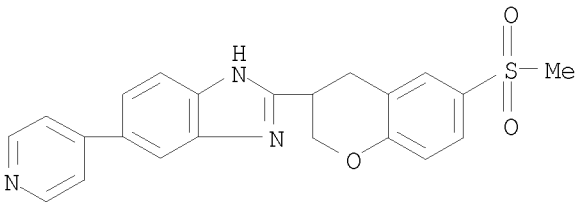


L3 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:769721 CAPLUS
DOCUMENT NUMBER: 151:101166
TITLE: Benzimidazoles and analogs as Rho kinase inhibitors and their preparation and use in the treatment of diseases
INVENTOR(S): Feng, Yangbo; Lograsso, Philip; Bannister, Thomas; Schroeter, Thomas; Sessions, Hampton; Yao, Lei; Wang, Bo; Smolinski, Michael P.; Chen, Yen Ting; Yin, Yan; Frackowiak-Wojtasek, Bozena
PATENT ASSIGNEE(S): USA
SOURCE: PCT Int. Appl., 298pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

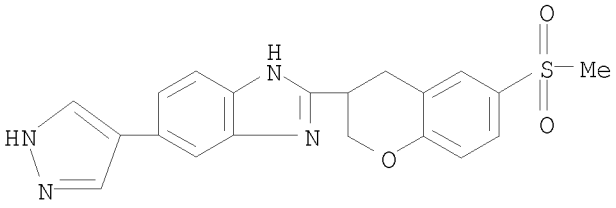
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009079011	A1	20090625	WO 2008-US13865	20081218

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

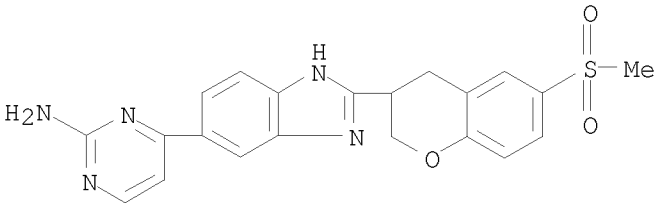
PRIORITY APPLN. INFO.: US 2007-8493P P 20071219
OTHER SOURCE(S): MARPAT 151:101166
IT 1162692-52-5P 1162692-53-6P 1162692-56-9P
1162692-58-1P 1162694-98-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of benzimidazoles and analogs as Rho kinase inhibitors useful in the treatment of diseases)
RN 1162692-52-5 CAPLUS
CN 1H-Benzimidazole, 2-[3,4-dihydro-6-(methylsulfonyl)-2H-1-benzopyran-3-yl]-6-(4-pyridinyl)- (CA INDEX NAME)



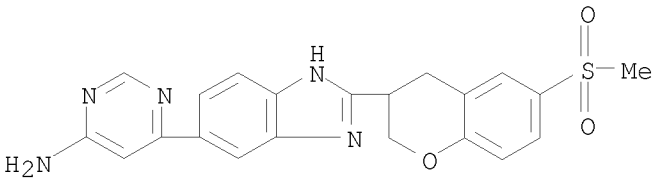
RN 1162692-53-6 CAPLUS
CN 1H-Benzimidazole, 2-[3,4-dihydro-6-(methylsulfonyl)-2H-1-benzopyran-3-yl]-6-(1H-pyrazol-4-yl)- (CA INDEX NAME)



RN 1162692-56-9 CAPLUS
CN 2-Pyrimidinamine, 4-[2-[3,4-dihydro-6-(methylsulfonyl)-2H-1-benzopyran-3-yl]-1H-benzimidazol-6-yl]- (CA INDEX NAME)

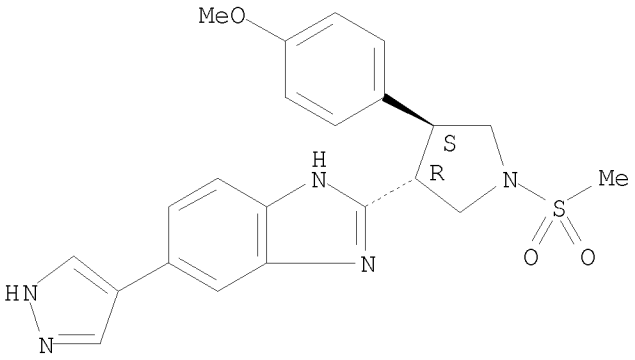


RN 1162692-58-1 CAPLUS
CN 4-Pyrimidinamine, 6-[2-[3,4-dihydro-6-(methylsulfonyl)-2H-1-benzopyran-3-yl]-1H-benzimidazol-6-yl]- (CA INDEX NAME)



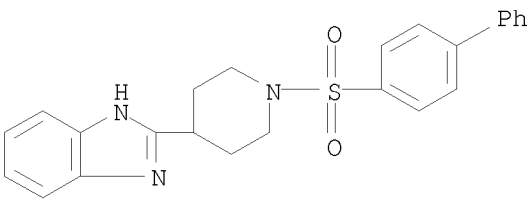
RN 1162694-98-5 CAPLUS
CN 1H-Benzimidazole, 2-[(3R,4S)-4-(4-methoxyphenyl)-1-(methylsulfonyl)-3-pyrrolidinyl]-6-(1H-pyrazol-4-yl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



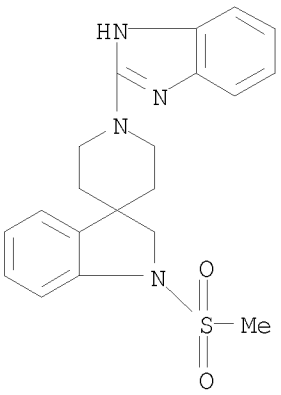
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:420047 CAPLUS
DOCUMENT NUMBER: 151:501
TITLE: A new class of 5-HT2B antagonists possesses favorable potency, selectivity, and rat pharmacokinetic properties
AUTHOR(S): Moss, Neil; Choi, Younggi; Cogan, Derek; Flegg, Adam; Kahrs, Andreas; Loke, Pui; Meyn, Orietta; Nagaraja, Raj; Napier, Spencer; Parker, Ashley; Peterson, J. Thomas; Ramsden, Philip; Sarko, Christopher; Skow, Donna; Tomlinson, Josh; Tye, Heather; Whitaker, Mark
CORPORATE SOURCE: Departments of Medicinal Chemistry, Cardiovascular Disease, or Drug Discovery Support, Boehringer Ingelheim Pharmaceutical, Inc., Ridgefield, CT, 06877, USA
SOURCE: Bioorganic & Medicinal Chemistry Letters (2009), 19(8), 2206-2210
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 1159096-81-7P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(new class of 5-HT2B antagonists possesses favorable potency, selectivity, and rat pharmacokinetic properties)
RN 1159096-81-7 CAPLUS
CN 1H-Benzimidazole, 2-[1-([1,1'-biphenyl]-4-ylsulfonyl)-4-piperidinyl]- (CA INDEX NAME)



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:1136045 CAPLUS
DOCUMENT NUMBER: 149:534122
TITLE: Design, syntheses, and structure-activity relationships of novel NPY Y5 receptor antagonists: 2-{3-Oxospiro[isobenzofuran-1(3H),4'-piperidin]-1'-yl}benzimidazole derivatives
AUTHOR(S): Ogino, Yoshio; Ohtake, Norikazu; Nagae, Yoshikazu; Matsuda, Kenji; Moriya, Minoru; Suga, Takuya; Ishikawa, Makoto; Kanesaka, Maki; Mitobe, Yuko; Ito, Junko; Kanno, Tetsuya; Ishihara, Akane; Iwaasa, Hisashi; Ohe, Tomoyuki; Kanatani, Akio; Fukami, Takehiro
CORPORATE SOURCE: Banyu Tsukuba Research Institute, Banyu Pharmaceutical Co., Ltd, Okubo-3, Tsukuba, Ibaraki, 300-2611, Japan
SOURCE: Bioorganic & Medicinal Chemistry Letters (2008), 18(18), 5010-5014
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 149:534122
IT 1075752-91-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(design, preparation, and sar of oxospiro(isobenzofuran-piperidinyl)benzimidazoles as NPY Y5 receptor selective antagonists)
RN 1075752-91-8 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine], 1'-(1H-benzimidazol-2-yl)-1,2-dihydro-1-(methylsulfonyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:906945 CAPLUS
DOCUMENT NUMBER: 149:393809
TITLE: Discovery and SAR of 2-(1-propylpiperidin-4-yl)-1H-benzimidazole-4-carboxamide: A potent inhibitor of poly(ADP-ribose) polymerase (PARP) for the treatment of cancer
AUTHOR(S): Penning, Thomas D.; Zhu, Gui-Dong; Gandhi, Viraj B.;

Gong, Jianchun; Thomas, Sheela; Lubisch, Wilfried; Grandel, Roland; Wernet, Wolfgang; Park, Chang H.; Fry, Elizabeth H.; Liu, Xuesong; Shi, Yan; Klinghofer, Vered; Johnson, Eric F.; Donawho, Cherrie K.; Frost, David J.; Bontcheva-Diaz, Velitchka; Bouska, Jennifer J.; Olson, Amanda M.; Marsh, Kennan C.; Luo, Yan; Rosenberg, Saul H.; Giranda, Vincent L.

CORPORATE SOURCE: Cancer Research, GPRD, Abbott Laboratories, Abbott Park, IL, 60064, USA

SOURCE: Bioorganic & Medicinal Chemistry (2008), 16(14), 6965-6975
CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

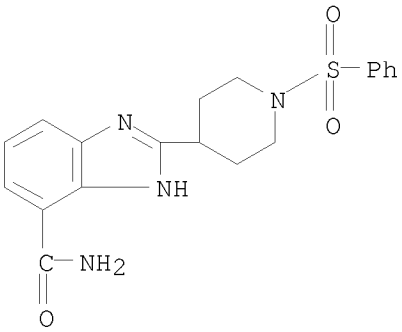
LANGUAGE: English

OTHER SOURCE(S): CASREACT 149:393809

IT 1062586-97-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(discovery and SAR of 2-(1-propylpiperidin-4-yl)-1H-benzimidazole-4-carboxamide, a potent inhibitor of poly(ADP-ribose) polymerase (PARP) for treatment of cancer)

RN 1062586-97-3 CAPLUS

CN 1H-Benzimidazole-7-carboxamide, 2-[1-(phenylsulfonyl)-4-piperidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:1204767 CAPLUS

DOCUMENT NUMBER: 147:502388

TITLE: Preparation of piperazine derivatives as hepatitis C virus (HCV) polymerase inhibitors

INVENTOR(S): Abe, Hiroyuki; Tanaka, Masahiro; Sugimoto, Kazuyuki; Suma, Akira; Yokota, Masahiro; Shiozaki, Makoto; Iio, Kiyosei; Ueyama, Kazuhito; Motoda, Dai; Noguchi, Toru; Adachi, Tsuyoshi; Tsuruha, Junichiro; Doi, Satoki

PATENT ASSIGNEE(S): Japan Tobacco Inc., Japan

SOURCE: PCT Int. Appl., 1027pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2007119889	A1	20071025	WO 2007-JP58901		20070418
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW					
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
US 20080081818	A1	20080403	US 2007-736064		20070417
AU 2007239285	A1	20071025	AU 2007-239285		20070418
CA 2649521	A1	20071025	CA 2007-2649521		20070418
EP 2009004	A1	20081231	EP 2007-742336		20070418
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS					
MX 2008013545	A	20081029	MX 2008-13545		20081020
KR 2009008362	A	20090121	KR 2008-728129		20081118
IN 2008CN06273	A	20090327	IN 2008-CN6273		20081118
CN 101472902	A	20090701	CN 2007-80022736		20081218
PRIORITY APPLN. INFO.:			JP 2006-115008	A	20060418
			US 2006-796565P	P	20060501
			WO 2007-JP58901	W	20070418

OTHER SOURCE(S): MARPAT 147:502388

IT 954396-92-0P 954396-94-2P

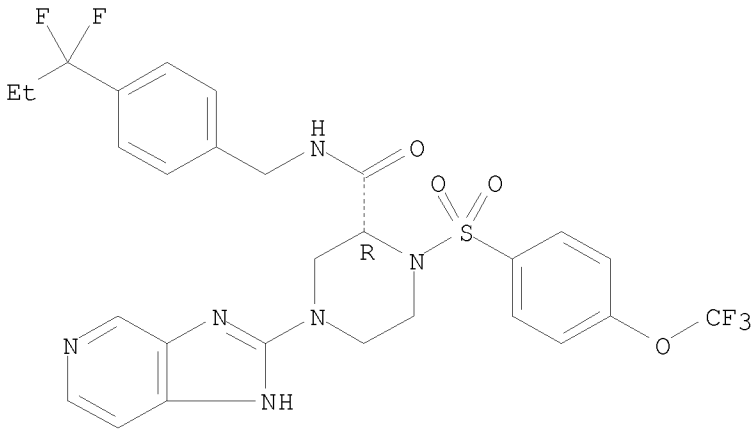
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of piperazine derivs. as hepatitis C virus polymerase inhibitors)

RN 954396-92-0 CAPLUS

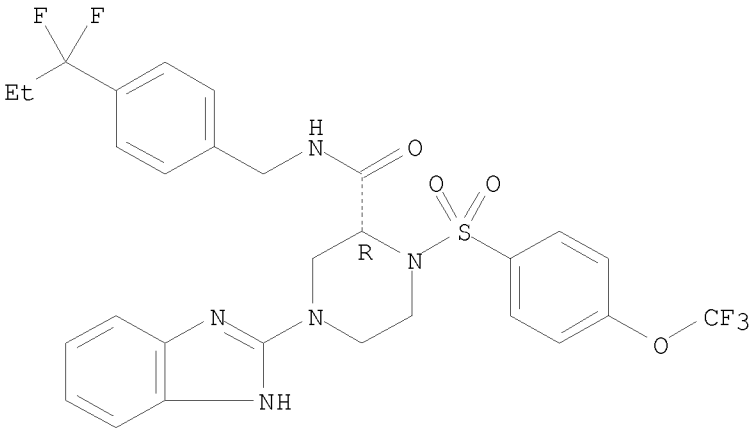
CN 2-Piperazinecarboxamide, N-[[4-(1,1-difluoropropyl)phenyl]methyl]-4-(3H-imidazo[4,5-c]pyridin-2-yl)-1-[[4-(trifluoromethoxy)phenyl]sulfonyl]-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 954396-94-2 CAPLUS
CN 2-Piperazinecarboxamide, 4-(1H-benzimidazol-2-yl)-N-[[4-(1,1-difluoropropyl)phenyl]methyl]-1-[[4-(trifluoromethoxy)phenyl]sulfonyl]-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 73 THERE ARE 73 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:619299 CAPLUS
DOCUMENT NUMBER: 147:72743
TITLE: 5-(Arylsulfonyl)pyrazolopiperidines useful for treating cognitive disorders, their preparation, their methods of use, and pharmaceutical compositions containing them
INVENTOR(S): Garofalo, Albert W.; Jagodzinski, Jacek J.; Konradi, Andrei W.; Semko, Christopher M.; Smith, Jenifer L.; Xu, Ying-Zi; Ye, Xiaocong Michael
PATENT ASSIGNEE(S): Elan Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 158 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007064914	A2	20070607	WO 2006-US46039	20061201
WO 2007064914	A3	20071227		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
AU 2006320423	A1	20070607	AU 2006-320423	20061201

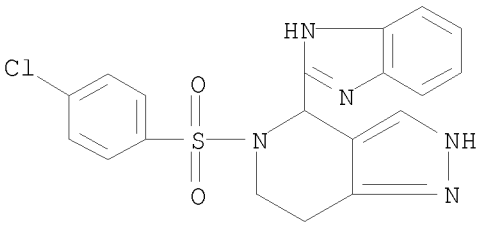
CA 2632227		A1	20070607	CA 2006-2632227		20061201
US 20070155753		A1	20070705	US 2006-566070		20061201
EP 1957458		A2	20080820	EP 2006-844721		20061201
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS						
JP 2009518301		T	20090507	JP 2008-543496		20061201
IN 2008KN01875		A	20090109	IN 2008-KN1875		20080509
MX 2008006806		A	20080605	MX 2008-6806		20080527
CN 101370776		A	20090218	CN 2006-80045186		20080602
KR 2008073359		A	20080808	KR 2008-715935		20080630
PRIORITY APPLN. INFO.:				US 2005-741366P	P	20051201
				WO 2006-US46039	W	20061201

OTHER SOURCE(S): MARPAT 147:72743

IT 940925-64-4P 940926-83-0P,
4-(1H-Benzimidazol-2-yl)-5-(4-chlorobenzenesulfonyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of (arylsulfonyl)pyrazolopiperidines for treating cognitive disorders)

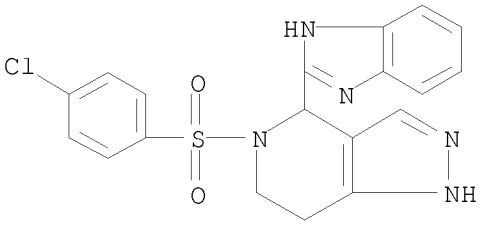
RN 940925-64-4 CAPLUS

CN 2H-Pyrazolo[4,3-c]pyridine, 4-(1H-benzimidazol-2-yl)-5-[(4-chlorophenyl)sulfonyl]-4,5,6,7-tetrahydro- (CA INDEX NAME)



RN 940926-83-0 CAPLUS

CN 1H-Pyrazolo[4,3-c]pyridine, 4-(1H-benzimidazol-2-yl)-5-[(4-chlorophenyl)sulfonyl]-4,5,6,7-tetrahydro- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L3 ANSWER 10 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:538689 CAPLUS

DOCUMENT NUMBER: 146:521800

TITLE: Heterocyclic compounds as tyrosine kinase modulators and their preparation, pharmaceutical compositions and use in the treatment of diseases

INVENTOR(S): Anikin, Alexey Vyacheslavovich; Gantla, Vidyasagar

Reddy; Gregor, Vlad Edward; Jiang, Luyong; Liu, Yahua; Mcgee, Danny Peter Claude; Mikel, Charles Chamchoumis; Pickens, Jason Conrad; Webb, Thomas Roy; Zheng, Yan; Zhu, Tong; Kadushkin, Aleksander; Zozulya, Sergey; Chucholowski, Alexander; Mcgrath, Douglas Eric; Sviridov, Sergey

PATENT ASSIGNEE(S): Chembridge Research Laboratories, Inc., USA

SOURCE: PCT Int. Appl., 385pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007056155	A1	20070518	WO 2006-US42982	20061102
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006311914	A1	20070518	AU 2006-311914	20061102
CA 2669736	A1	20070518	CA 2006-2669736	20061102
EP 1960382	A1	20080827	EP 2006-836883	20061102
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				

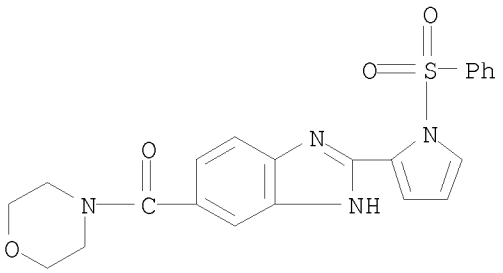
PRIORITY APPLN. INFO.: US 2005-734050P P 20051103
WO 2006-US42982 W 20061102

OTHER SOURCE(S): MARPAT 146:521800

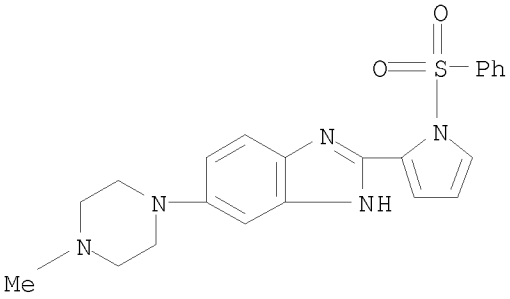
IT 936936-64-0P 936936-65-1P 936937-58-5P
936938-84-0P
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of heterocyclic compds. as tyrosine kinase modulators and their use in the treatment of diseases)

RN 936936-64-0 CAPLUS

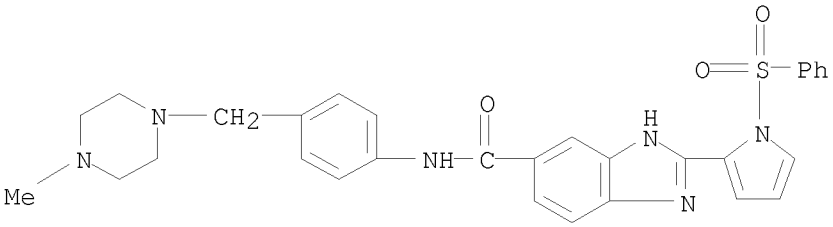
CN Methanone, 4-morpholinyl[2-[1-(phenylsulfonyl)-1H-pyrrol-2-yl]-1H-benzimidazol-6-yl]- (CA INDEX NAME)



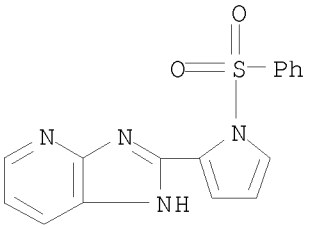
RN 936936-65-1 CAPLUS
CN 1H-Benzimidazole, 6-(4-methyl-1-piperazinyl)-2-[1-(phenylsulfonyl)-1H-pyrrol-2-yl]- (CA INDEX NAME)



RN 936937-58-5 CAPLUS
CN 1H-Benzimidazole-6-carboxamide, N-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-[1-(phenylsulfonyl)-1H-pyrrol-2-yl]- (CA INDEX NAME)



RN 936938-84-0 CAPLUS
CN 3H-Imidazo[4,5-b]pyridine, 2-[1-(phenylsulfonyl)-1H-pyrrol-2-yl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

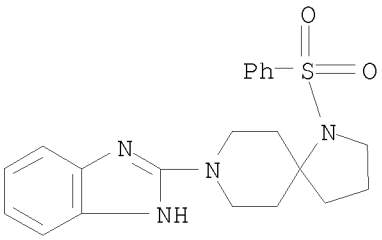
L3 ANSWER 11 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:227285 CAPLUS
DOCUMENT NUMBER: 146:295956
TITLE: Preparation of diazaspirodecane derivatives as orexin receptor antagonists
INVENTOR(S): Breslin, Michael J.; Cox, Christopher D.; Whitman, David B.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA

SOURCE: PCT Int. Appl., 56pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007025069	A2	20070301	WO 2006-US33124	20060824
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006282955	A1	20070301	AU 2006-282955	20060824
CA 2620124	A1	20070301	CA 2006-2620124	20060824
EP 1922071	A2	20080521	EP 2006-802269	20060824
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
JP 2009506061	T	20090212	JP 2008-528157	20060824
US 20090176789	A1	20090709	US 2008-990585	20080212

PRIORITY APPLN. INFO.:	US 2005-711754P	P	20050826
	WO 2006-US33124	W	20060824

OTHER SOURCE(S): MARPAT 146:295956
IT 928034-11-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of diazaspirodecane derivs. as orexin receptor antagonists)
RN 928034-11-1 CAPLUS
CN 1,8-Diazaspiro[4.5]decane, 8-(1H-benzimidazol-2-yl)-1-(phenylsulfonyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

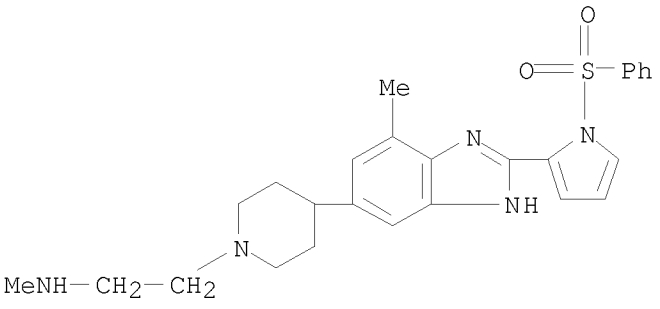
L3 ANSWER 12 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:1099764 CAPLUS
DOCUMENT NUMBER: 145:438622
TITLE: Preparation of heterocyclic inhibitors of protein arginine methyltransferases for treating

hyperproliferative, inflammatory, infectious, and immunoregulatory diseases
INVENTOR(S): Purandare, Ashok Vinayak; Wan, Honghe; Huynh, Tram N.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: U.S. Pat. Appl. Publ., 71 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20060235037	A1	20061019	US 2006-403790	20060413
WO 2006113458	A1	20061026	WO 2006-US14112	20060413

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

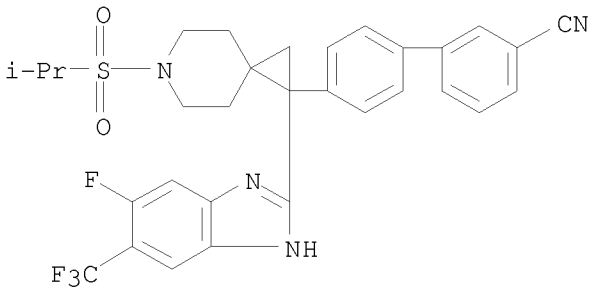
PRIORITY APPLN. INFO.: US 2005-671995P P 20050415
OTHER SOURCE(S): MARPAT 145:438622
IT 912970-42-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidinylimidazoles as inhibitors of protein arginine methyltransferases for treating hyperproliferative, inflammatory, infectious, and immunoregulatory diseases)
RN 912970-42-4 CAPLUS
CN 1-Piperidineethanamine, N-methyl-4-[7-methyl-2-[1-(phenylsulfonyl)-1H-pyrrol-2-yl]-1H-benzimidazol-5-yl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L3 ANSWER 13 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:548761 CAPLUS
DOCUMENT NUMBER: 145:210953
TITLE: Design and synthesis of orally efficacious benzimidazoles as melanin-concentrating hormone

receptor 1 antagonists
AUTHOR(S): Wu, Wen-Lian; Burnett, Duane A.; Caplen, Mary Ann; Domalski, Martin S.; Bennett, Chad; Greenlee, William J.; Hawes, Brian E.; O'Neill, Kim; Weig, Blair; Weston, Daniel; Spar, Brian; Kowalski, Timothy
CORPORATE SOURCE: Schering Plough Research Institute, Kenilworth, NJ, 07033-0539, USA
SOURCE: Bioorganic & Medicinal Chemistry Letters (2006), 16(14), 3674-3678
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 145:210953
IT 846049-16-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(design and synthesis of orally efficacious benzimidazoles as melanin-concentrating hormone receptor 1 antagonists)
RN 846049-16-9 CAPLUS
CN [1,1'-Biphenyl]-3-carbonitrile, 4'-[1-[6-fluoro-5-(trifluoromethyl)-1H-benzimidazol-2-yl]-6-[(1-methylethyl)sulfonyl]-6-azaspiro[2.5]oct-1-yl]- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:77202 CAPLUS
DOCUMENT NUMBER: 144:170990
TITLE: Preparation of benzimidazole derivatives as gonadotropin releasing hormone receptor antagonists
INVENTOR(S): Garrick, Lloyd M.; Hauze, Diane B.; Kees, Kenneth L.; Lundquist Iv, Joseph, T.; Mann, Charles, W.; Mehlmann, John, F.; Pelletier, Jeffrey, C.; Rogers, John, F., Jr.; Wrobel, Jay, E.
PATENT ASSIGNEE(S): Wyeth, USA; Green, Daniel M.
SOURCE: PCT Int. Appl., 149 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006009734	A1	20060126	WO 2005-US21124	20050616

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

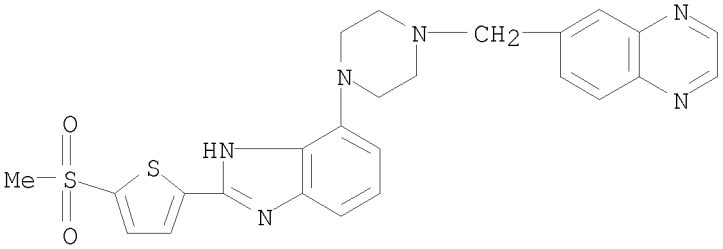
AU 2005264996	A1	20060126	AU 2005-264996		20050616
CA 2570968	A1	20060126	CA 2005-2570968		20050616
US 20060019965	A1	20060126	US 2005-154795		20050616
EP 1758895	A1	20070307	EP 2005-762686		20050616
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, LV					
CN 101006078	A	20070725	CN 2005-80027480		20050616
JP 2008503469	T	20080207	JP 2007-516680		20050616
BR 2005012261	A	20080226	BR 2005-12261		20050616
IN 2006KN03565	A	20070615	IN 2006-KN3565		20061128
KR 2007027584	A	20070309	KR 2006-726441		20061215
MX 2006014798	A	20070622	MX 2006-14798		20061215
ZA 2006010589	A	20080730	ZA 2006-10589		20061215
NO 2007000294	A	20070228	NO 2007-294		20070116
PRIORITY APPLN. INFO.:			US 2004-580640P	P	20040617
			WO 2005-US21124	W	20050616

OTHER SOURCE(S): MARPAT 144:170990

IT 874274-93-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of benzimidazole derivs. as gonadotropin releasing hormone receptor antagonists)

RN 874274-93-8 CAPLUS

CN Quinoxaline, 6-[[4-[2-[5-(methylsulfonyl)-2-thienyl]-1H-benzimidazol-7-yl]-1-piperazinyl]methyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 15 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1242789 CAPLUS

DOCUMENT NUMBER: 143:477969

TITLE: Preparation of benzimidazole quinolinones for inhibiting FGFR3 and treating multiple myeloma

INVENTOR(S): Cai, Shaopei; Chou, Joyce; Harwood, Eric; Heise, Carla

C.; Machajewski, Timothy D.; Ryckman, David; Shang, Xiao; Wiesmann, Marion; Zhu, Shuguang

PATENT ASSIGNEE(S): Chiron Corporation, USA

SOURCE: U.S. Pat. Appl. Publ., 239 pp., Cont.-in-part of U.S. Ser. No. 644,055.
CODEN: USXXCO

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7

PATENT INFORMATION:

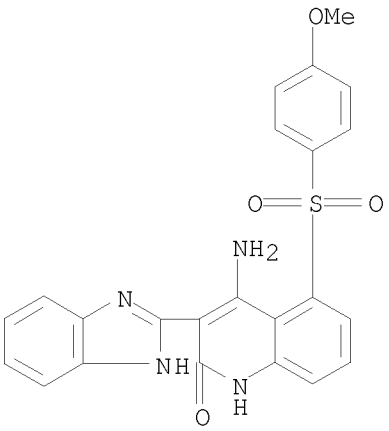
PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 20050261307	A1	20051124	US 2004-983174		20041105
US 20040092535	A1	20040513	US 2003-644055		20030819
US 7470709	B2	20081230			
CN 1692112	A	20051102	CN 2003-824565		20030819
US 20050203101	A1	20050915	US 2004-839793		20040505
ZA 2006003598	A	20080430	ZA 2006-3598		20060505
US 20090181979	A1	20090716	US 2009-398130		20090304
PRIORITY APPLN. INFO.:			US 2002-405729P	P	20020823
			US 2002-426107P	P	20021113
			US 2002-426226P	P	20021113
			US 2002-426282P	P	20021113
			US 2002-428210P	P	20021121
			US 2003-460327P	P	20030403
			US 2003-460328P	P	20030403
			US 2003-460493P	P	20030403
			US 2003-478916P	P	20030616
			US 2003-484048P	P	20030701
			US 2003-644055	A2	20030819
			US 2003-517915P	P	20031107
			US 2003-526425P	P	20031202
			US 2003-526426P	P	20031202
			US 2004-546017P	P	20040219
			US 2004-982543	B1	20041105

OTHER SOURCE(S): MARPAT 143:477969

IT 668429-47-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazole quinolinones for inhibiting FGFR3 and treating multiple myeloma)

RN 668429-47-8 CAPLUS

CN 2(1H)-Quinolinone, 4-amino-3-(1H-benzimidazol-2-yl)-5-[(4-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L3 ANSWER 16 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1223876 CAPLUS
DOCUMENT NUMBER: 143:477966
TITLE: Preparation of benzimidazole quinolinones for inhibiting a checkpoint kinase 1 and their use in combination therapy for cancer
INVENTOR(S): Gesner, Thomas G.; Barsanti, Paul A.; Harrison, Stephen D.; Ni, Zhi-Jie; Brammeier, Nathan M.; Zhou, Yasheen; Le, Vincent P.
PATENT ASSIGNEE(S): Chiron Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 249 pp., Cont.-in-part of U.S. Ser. No. 644,055.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

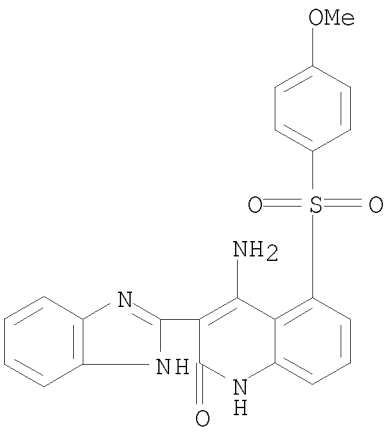
PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 20050256157	A1	20051117	US 2005-41191		20050121
US 20040092535	A1	20040513	US 2003-644055		20030819
US 7470709	B2	20081230			
CN 1692112	A	20051102	CN 2003-824565		20030819
US 20050203101	A1	20050915	US 2004-839793		20040505
PRIORITY APPLN. INFO.:			US 2002-405729P	P	20020823
			US 2002-426107P	P	20021113
			US 2002-426226P	P	20021113
			US 2002-426282P	P	20021113
			US 2002-428210P	P	20021121
			US 2003-460327P	P	20030403
			US 2003-460328P	P	20030403
			US 2003-460493P	P	20030403
			US 2003-478916P	P	20030616
			US 2003-484048P	P	20030701
			US 2003-644055	A2	20030819
			US 2004-538984P	P	20040123

OTHER SOURCE(S): CASREACT 143:477966; MARPAT 143:477966
IT 668429-47-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)
(preparation of benzimidazole quinolinones for inhibiting a checkpoint kinase 1 and their use in combination therapy for cancer)

RN 668429-47-8 CAPLUS

CN 2(1H)-Quinolinone, 4-amino-3-(1H-benzimidazol-2-yl)-5-[(4-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L3 ANSWER 17 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1200990 CAPLUS

DOCUMENT NUMBER: 143:460026

TITLE: Preparation of hydroxyindole derivatives as kinase inhibitors

INVENTOR(S): Bressi, Jerome C.; Gangloff, Anthony R.; Hosfield, David J.; Jennings, Andrew John; Paraselli, Bheema R.; Stafford, Jeffrey Alan

PATENT ASSIGNEE(S): Takeda San Diego, Inc., USA

SOURCE: PCT Int. Appl., 138 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

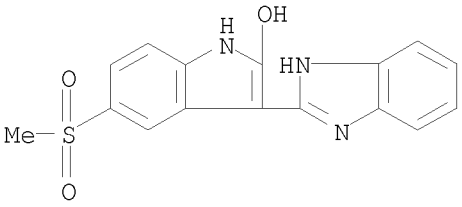
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

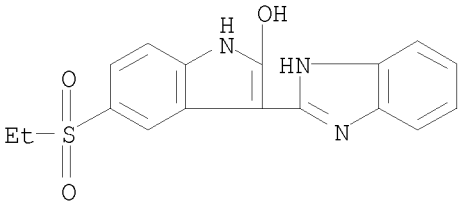
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005105788	A1	20051110	WO 2005-US13410	20050420
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20050250829	A1	20051110	US 2005-111479	20050420
EP 1763524	A1	20070321	EP 2005-737696	20050420
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				

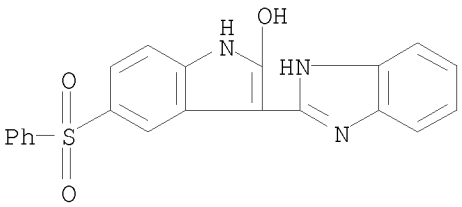
IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR
JP 2007533753 T 20071122 JP 2007-509586 20050420
PRIORITY APPLN. INFO.: US 2004-565236P P 20040423
WO 2005-US13410 W 20050420
OTHER SOURCE(S): MARPAT 143:460026
IT 868838-22-6P 868838-23-7P 868838-24-8P
868838-26-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of hydroxyindole derivs. as kinase inhibitors)
RN 868838-22-6 CAPLUS
CN 1H-Indol-2-ol, 3-(1H-benzimidazol-2-yl)-5-(methylsulfonyl)- (CA INDEX NAME)



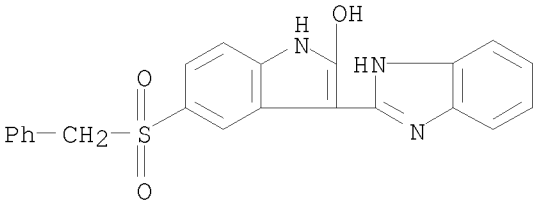
RN 868838-23-7 CAPLUS
CN 1H-Indol-2-ol, 3-(1H-benzimidazol-2-yl)-5-(ethylsulfonyl)- (CA INDEX NAME)



RN 868838-24-8 CAPLUS
CN 1H-Indol-2-ol, 3-(1H-benzimidazol-2-yl)-5-(phenylsulfonyl)- (CA INDEX NAME)



RN 868838-26-0 CAPLUS
CN 1H-Indol-2-ol, 3-(1H-benzimidazol-2-yl)-5-[(phenylmethyl)sulfonyl]- (CA INDEX NAME)



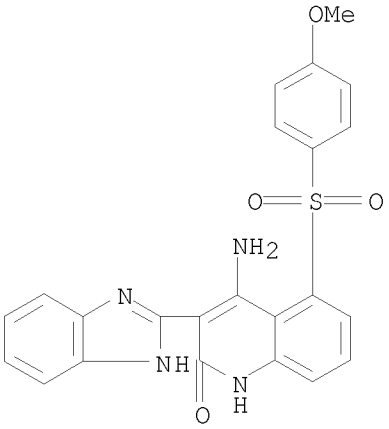
OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 18 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:976928 CAPLUS
DOCUMENT NUMBER: 143:279443
TITLE: 4-Amino-3-(benzimidazol-2-yl)quinolin-2-one derivatives for the modulation of inflammatory and metastatic processes
INVENTOR(S): Lee, Sang H.; Heise, Carla C.
PATENT ASSIGNEE(S): Chiron Corporation, USA
SOURCE: PCT Int. Appl., 145 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2005082340	A2	20050909	WO 2005-US5316		20050218
WO 2005082340	A3	20060504			
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
AU 2005216904	A1	20050909	AU 2005-216904		20050218
CA 2556872	A1	20050909	CA 2005-2556872		20050218
US 20050239825	A1	20051027	US 2005-61386		20050218
EP 1718306	A2	20061108	EP 2005-723338		20050218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU					
CN 1960731	A	20070509	CN 2005-80009523		20050218
BR 2005007891	A	20070724	BR 2005-7891		20050218
JP 2007523185	T	20070816	JP 2006-554253		20050218
MX 2006009470	A	20061120	MX 2006-9470		20060818
IN 2006KN02736	A	20070601	IN 2006-KN2736		20060920
PRIORITY APPLN. INFO.:			US 2004-546395P	P	20040220
			US 2004-547103P	P	20040223
			US 2004-554771P	P	20040319
			WO 2005-US5316	W	20050218

OTHER SOURCE(S): MARPAT 143:279443

IT 668429-47-8
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(benzimidazolyl aminoquinolinone derivs. for modulation of inflammatory and metastatic processes)
RN 668429-47-8 CAPLUS
CN 2(1H)-Quinolinone, 4-amino-3-(1H-benzimidazol-2-yl)-5-[(4-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 19 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:962222 CAPLUS
DOCUMENT NUMBER: 143:248390
TITLE: Preparation of benzimidazole derivatives as inhibitors of NPY receptors
INVENTOR(S): Otake, Norikazu; Ogino, Yoshio; Kanatani, Akio
PATENT ASSIGNEE(S): Banyu Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 110 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005080348	A1	20050901	WO 2005-JP2670	20050215
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005214225	A1	20050901	AU 2005-214225	20050215
CA 2555409	A1	20050901	CA 2005-2555409	20050215

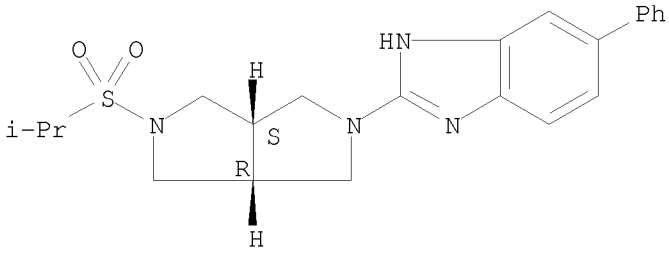
EP 1719765 A1 20061108 EP 2005-710452 20050215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS
CN 1922155 A 20070228 CN 2005-80005412 20050215
IN 2006DN04626 A 20070824 IN 2006-DN4626 20060810
US 20080161326 A1 20080703 US 2006-589693 20060817
PRIORITY APPLN. INFO.: JP 2004-43347 A 20040219
WO 2005-JP2670 W 20050215

OTHER SOURCE(S): MARPAT 143:248390

IT 863222-01-9P 863222-02-0P 863222-03-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of benzimidazole derivs. as inhibitors of NPY receptors)

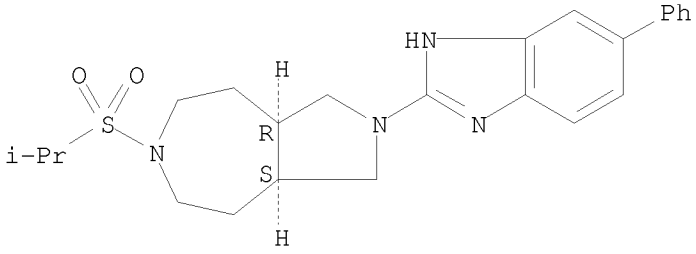
RN 863222-01-9 CAPLUS
CN 1H-Benzimidazole, 2-[(3aR,6aS)-hexahydro-5-[(1-methylethyl)sulfonyl]pyrrolo[3,4-c]pyrrol-2(1H)-yl]-6-phenyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

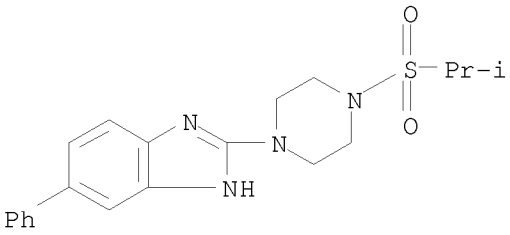


RN 863222-02-0 CAPLUS
CN Pyrrolo[3,4-d]azepine, decahydro-6-[(1-methylethyl)sulfonyl]-2-(6-phenyl-1H-benzimidazol-2-yl)-, (3aR,8aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 863222-03-1 CAPLUS
CN 1H-Benzimidazole, 2-[4-[(1-methylethyl)sulfonyl]-1-piperazinyl]-6-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:451351 CAPLUS
DOCUMENT NUMBER: 143:7710
TITLE: Preparation of benzimidazole quinolinones for inhibiting FGFR3 and treating multiple myeloma
INVENTOR(S): Cai, Shaopei; Chou, Joyce; Harwood, Eric; Heise, Carla C.; Machajewski, Timothy D.; Ryckman, David; Shang, Xiao; Wiesmann, Marion; Zhu, Shuguang
PATENT ASSIGNEE(S): Chiron Corporation, USA
SOURCE: PCT Int. Appl., 567 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005047244	A2	20050526	WO 2004-US36956	20041105
WO 2005047244	A3	20061221		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004289672	A1	20050526	AU 2004-289672	20041105
CA 2544186	A1	20050526	CA 2004-2544186	20041105
US 20050137399	A1	20050623	US 2004-982757	20041105
US 20050209247	A1	20050922	US 2004-982543	20041105
EP 1692085	A2	20060823	EP 2004-810419	20041105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR, IS, YU				
JP 2007510665	T	20070426	JP 2006-538512	20041105
CN 1976706	A	20070606	CN 2004-80032700	20041105
MX 2006004194	A	20060628	MX 2006-4194	20060412
ZA 2006003598	A	20080430	ZA 2006-3598	20060505
KR 2006111520	A	20061027	KR 2006-709999	20060523
IN 2006KN01574	A	20070504	IN 2006-KN1574	20060607
US 20090181979	A1	20090716	US 2009-398130	20090304

PRIORITY APPLN. INFO.:

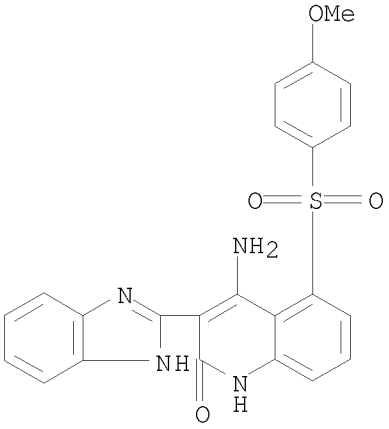
US 2003-517915P	P	20031107
US 2003-526425P	P	20031202
US 2003-526426P	P	20031202
US 2004-546017P	P	20040219
US 2004-982543	B1	20041105
WO 2004-US36956	W	20041105

OTHER SOURCE(S): MARPAT 143:7710

IT 668429-47-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazole quinolinones for inhibiting FGFR3 and treating multiple myeloma)

RN 668429-47-8 CAPLUS

CN 2(1H)-Quinolinone, 4-amino-3-(1H-benzimidazol-2-yl)-5-[(4-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L3 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:451118 CAPLUS

DOCUMENT NUMBER: 143:7709

TITLE: Preparation of benzimidazole quinolinones and lactate salts thereof for inhibiting vascular endothelial growth factor receptor tyrosine kinase

INVENTOR(S): Cai, Shaopei; Chou, Joyce; Harwood, Eric; Machajewski, Timothy D.; Ryckman, David; Shang, Xiao; Zhu, Shuguang

PATENT ASSIGNEE(S): Chiron Corporation, USA

SOURCE: PCT Int. Appl., 215 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 7

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005046589	A2	20050526	WO 2004-US36941	20041105
WO 2005046589	A3	20071122		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG, AP, EA, EP, OA

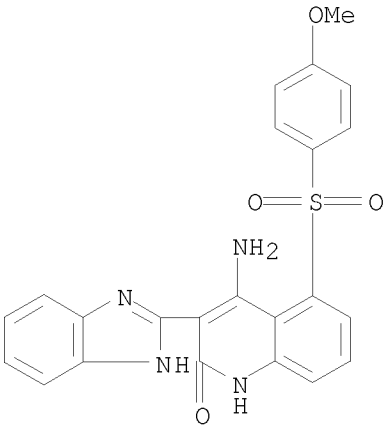
AU 2004288692	A1	20050526	AU 2004-288692		20041105
CA 2544492	A1	20050526	CA 2004-2544492		20041105
US 20050137399	A1	20050623	US 2004-982757		20041105
US 20050209247	A1	20050922	US 2004-982543		20041105
EP 1699421	A2	20060913	EP 2004-816941		20041105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR, IS, YU					
BR 2004016143	A	20070102	BR 2004-16143		20041105
JP 2007522098	T	20070809	JP 2006-538509		20041105
MX 2006004981	A	20060720	MX 2006-4981		20060503
ZA 2006003598	A	20080430	ZA 2006-3598		20060505
IN 2006KN01358	A	20070504	IN 2006-KN1358		20060522
KR 2007011241	A	20070124	KR 2006-711003		20060605
CN 101160308	A	20080409	CN 2004-80037126		20060612
US 20090181979	A1	20090716	US 2009-398130		20090304
PRIORITY APPLN. INFO.:			US 2003-517915P	P	20031107
			US 2003-526425P	P	20031202
			US 2003-526426P	P	20031202
			US 2004-546017P	P	20040219
			US 2004-982543	B1	20041105
			WO 2004-US36941	W	20041105

OTHER SOURCE(S): CASREACT 143:7709; MARPAT 143:7709

IT 668429-47-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazole quinolinones and lactate salts thereof for inhibiting vascular endothelial growth factor receptor tyrosine kinase)

RN 668429-47-8 CAPLUS

CN 2(1H)-Quinolinone, 4-amino-3-(1H-benzimidazol-2-yl)-5-[(4-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

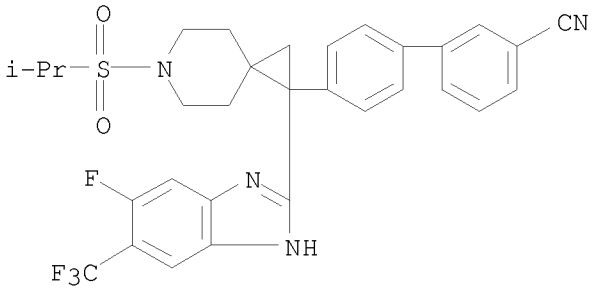
L3 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:185386 CAPLUS
DOCUMENT NUMBER: 142:261538
TITLE: Preparation of biaryl piperidinylidenemethyl benzimidazole derivatives as selective melanin concentrating hormone receptor antagonists for the treatment of obesity and related disorders
INVENTOR(S): Wu, Wen-lian; Burnett, Duane A.; Caplen, Mary Ann
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 51 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

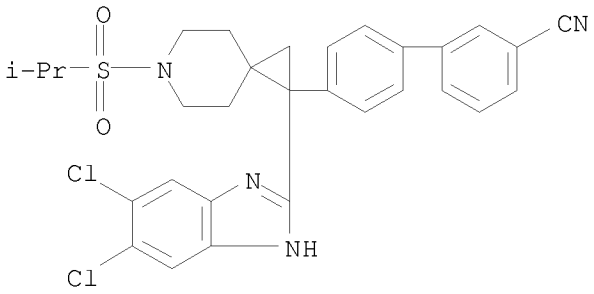
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050049269	A1	20050303	US 2004-924070	20040823
US 7214691	B2	20070508		
CA 2536544	A1	20050310	CA 2004-2536544	20040823
WO 2005021528	A1	20050310	WO 2004-US27240	20040823
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1660478	A1	20060531	EP 2004-781845	20040823
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1842524	A	20061004	CN 2004-80024336	20040823
JP 2007503444	T	20070222	JP 2006-524763	20040823
TW 290140	B	20071121	TW 2004-93125613	20050105
MX 2006002201	A	20060427	MX 2006-2201	20060224

PRIORITY APPLN. INFO.:	US 2003-497837P	P	20030825
	US 2003-532333P	P	20031223
	WO 2004-US27240	W	20040823

OTHER SOURCE(S): CASREACT 142:261538; MARPAT 142:261538
IT 846049-16-9P 846049-30-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of biaryl piperidinylidenemethyl benzimidazole derivs. for the treatment of obesity and related disorders)
RN 846049-16-9 CAPLUS
CN [1,1'-Biphenyl]-3-carbonitrile, 4'-[1-[6-fluoro-5-(trifluoromethyl)-1H-benzimidazol-2-yl]-6-[(1-methylethyl)sulfonyl]-6-azaspiro[2.5]oct-1-yl]- (CA INDEX NAME)



RN 846049-30-7 CAPLUS
CN [1,1'-Biphenyl]-3-carbonitrile, 4'-[1-(5,6-dichloro-1H-benzimidazol-2-yl)-6-[(1-methylethyl)sulfonyl]-6-azaspiro[2.5]oct-1-yl]- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:33167 CAPLUS
DOCUMENT NUMBER: 142:134587
TITLE: Preparation of substituted 4,5,6,7-tetrahydropyrazolo[3,4-c]pyridines and their compositions useful in the treatment of cancer
INVENTOR(S): Halley, Franck; Bouchard, Herve; Gauzy, Lazo Laurence; Baudoin, Bernard; Souaille, Catherine; Damiano, Teresa; Thompson, Fabienne
PATENT ASSIGNEE(S): Aventis Pharma Sa, Fr.
SOURCE: Fr. Demande, 61 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2857363	A1	20050114	FR 2003-8442	20030710
FR 2857363	B1	20070907		
AU 2004256945	A1	20050127	AU 2004-256945	20040708
AU 2004256945	B2	20090820		
CA 2532122	A1	20050127	CA 2004-2532122	20040708
WO 2005007653	A2	20050127	WO 2004-FR1778	20040708
WO 2005007653	A3	20050324		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

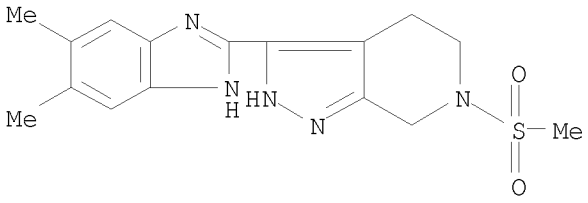
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1646632	A2	20060419	EP 2004-767613		20040708
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR					
BR 2004012411	A	20060822	BR 2004-12411		20040708
CN 1823066	A	20060823	CN 2004-80019823		20040708
JP 2007516186	T	20070621	JP 2006-518294		20040708
US 20050096345	A1	20050505	US 2004-888611		20040709
US 7109340	B2	20060919			
MX 2006000247	A	20060330	MX 2006-247		20060106
KR 2006054291	A	20060522	KR 2006-700505		20060109
US 20060199837	A1	20060907	US 2006-419794		20060523
US 7435820	B2	20081014			
PRIORITY APPLN. INFO.:			FR 2003-8441	A	20030710
			FR 2003-8442	A	20030710
			WO 2004-FR1778	W	20040708
			US 2004-888611	A3	20040709

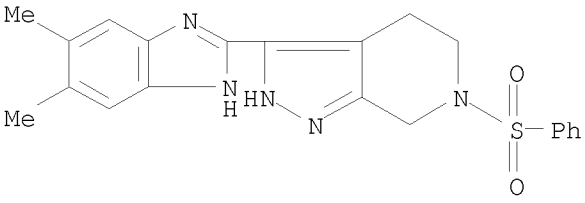
OTHER SOURCE(S): MARPAT 142:134587

IT 824948-94-9P 824949-21-5P 824949-22-6P
824949-23-7P 824949-24-8P 824949-25-9P
824949-26-0P 824949-27-1P 824949-28-2P
824949-29-3P 824949-30-6P 824949-31-7P
824949-32-8P 824949-33-9P 824949-34-0P
824949-35-1P 824949-36-2P 824949-37-3P
824949-83-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of substituted tetrahydropyrazolo[3,4-c]pyridines for treating neoplasm)

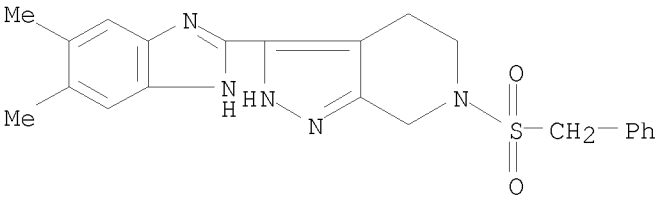
RN 824948-94-9 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-(methylsulfonyl)- (CA INDEX NAME)



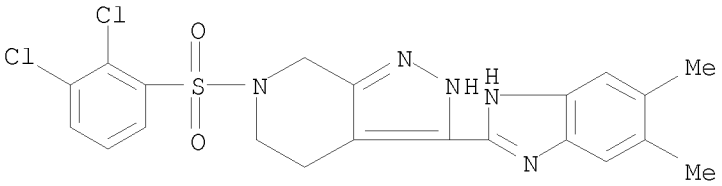
RN 824949-21-5 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-(phenylsulfonyl)- (CA INDEX NAME)



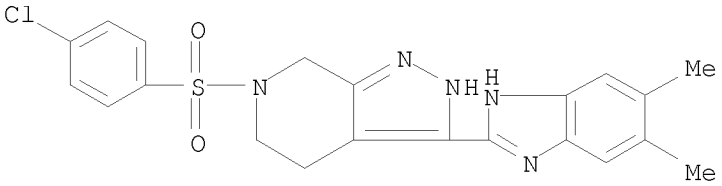
RN 824949-22-6 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(phenylmethyl)sulfonyl]- (CA INDEX NAME)



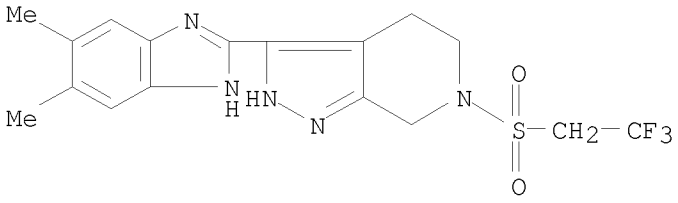
RN 824949-23-7 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 6-[(2,3-dichlorophenyl)sulfonyl]-3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro- (CA INDEX NAME)



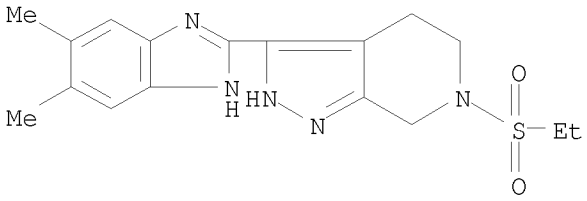
RN 824949-24-8 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 6-[(4-chlorophenyl)sulfonyl]-3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro- (CA INDEX NAME)



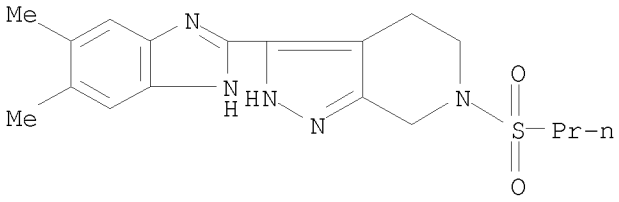
RN 824949-25-9 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(2,2,2-trifluoroethyl)sulfonyl]- (CA INDEX NAME)



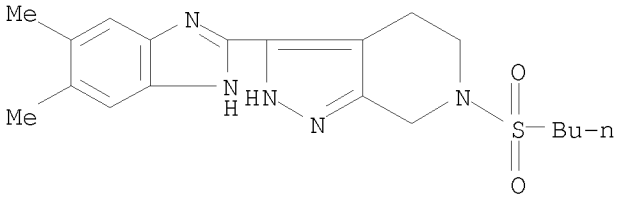
RN 824949-26-0 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-6-(ethylsulfonyl)-4,5,6,7-tetrahydro- (CA INDEX NAME)



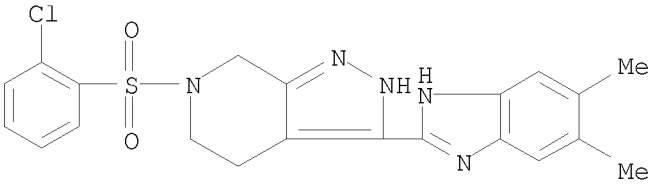
RN 824949-27-1 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-(propylsulfonyl)- (CA INDEX NAME)



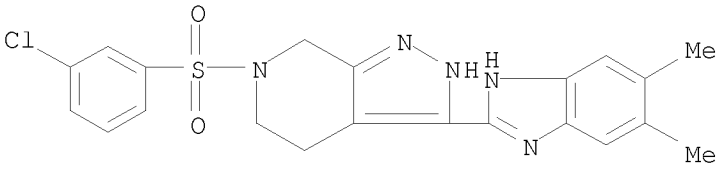
RN 824949-28-2 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 6-(butylsulfonyl)-3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro- (CA INDEX NAME)



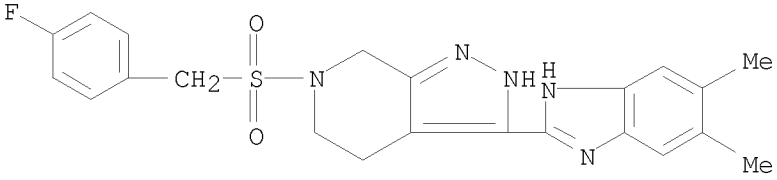
RN 824949-29-3 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 6-[(2-chlorophenyl)sulfonyl]-3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro- (CA INDEX NAME)



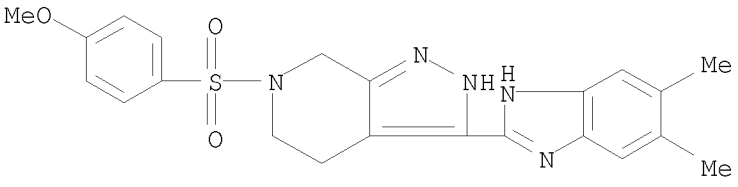
RN 824949-30-6 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 6-[(3-chlorophenyl)sulfonyl]-3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro- (CA INDEX NAME)



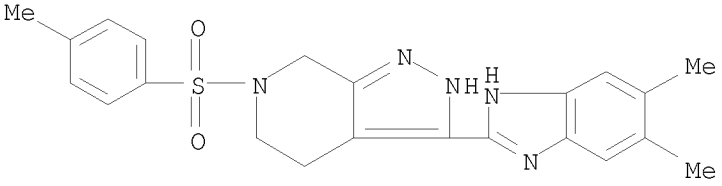
RN 824949-31-7 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-6-[[(4-fluorophenyl)methyl]sulfonyl]-4,5,6,7-tetrahydro- (CA INDEX NAME)



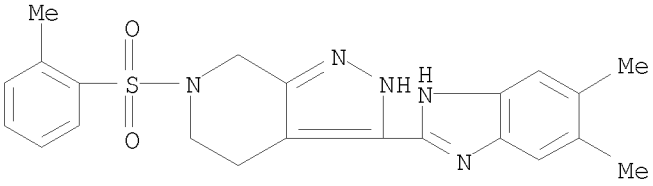
RN 824949-32-8 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(4-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



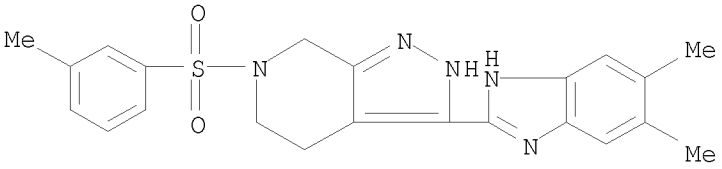
RN 824949-33-9 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(4-methylphenyl)sulfonyl]- (CA INDEX NAME)



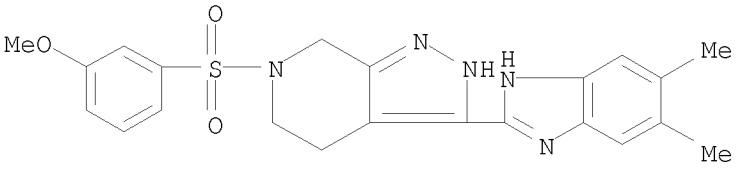
RN 824949-34-0 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(2-methylphenyl)sulfonyl]- (CA INDEX NAME)



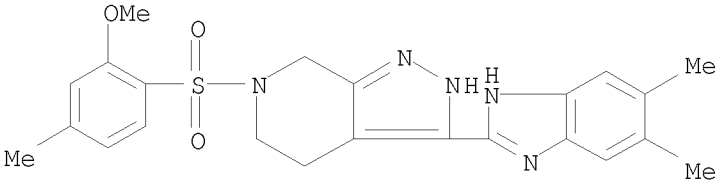
RN 824949-35-1 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(3-methylphenyl)sulfonyl]- (CA INDEX NAME)



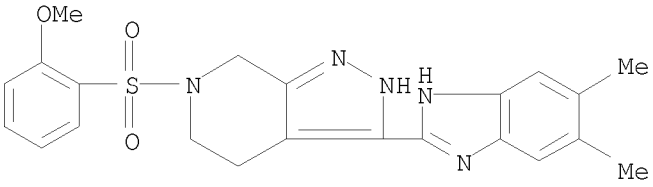
RN 824949-36-2 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(3-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



RN 824949-37-3 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(2-methoxy-4-methylphenyl)sulfonyl]- (CA INDEX NAME)



RN 824949-83-9 CAPLUS
CN 2H-Pyrazolo[3,4-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-6-[(2-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 24 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:182836 CAPLUS
DOCUMENT NUMBER: 140:235711
TITLE: Preparation of benzimidazole quinolinones for inhibiting a serine/threonine kinase
INVENTOR(S): Barsanti, Paul A.; Bussiere, Dirksen; Harrison, Stephen D.; Heise, Carla C.; Jansen, Johanna M.; Jazan, Elisa; Machajewski, Timothy D.; Mcbride, Christopher; McCrea, William R.; Ng, Simon; Ni, Zhi-Jie; Pecchi, Sabina; Pfister, Keith; Ramurthy, Savithri; Renhowe, Paul A.; Shafer, Cynthia M.; Silver, Joel B.; Wagman, Allan; Weismann, Marion
PATENT ASSIGNEE(S): Chiron Corporation, USA
SOURCE: PCT Int. Appl., 570 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2004018419	A2	20040304	WO 2003-US25990		20030819
WO 2004018419	A3	20040603			
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
CA 2496164	A1	20040304	CA 2003-2496164		20030819
AU 2003288899	A1	20040311	AU 2003-288899		20030819
EP 1539754	A2	20050615	EP 2003-781286		20030819
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
BR 2003013743	A	20050705	BR 2003-13743		20030819
CN 1692112	A	20051102	CN 2003-824565		20030819
JP 2006503919	T	20060202	JP 2005-501762		20030819
IN 2005KN00484	A	20060106	IN 2005-KN484		20050323
PRIORITY APPLN. INFO.:			US 2002-405729P	P	20020823
			US 2002-426107P	P	20021113
			US 2002-426226P	P	20021113
			US 2002-426282P	P	20021113
			US 2002-428210P	P	20021121
			US 2003-460327P	P	20030403

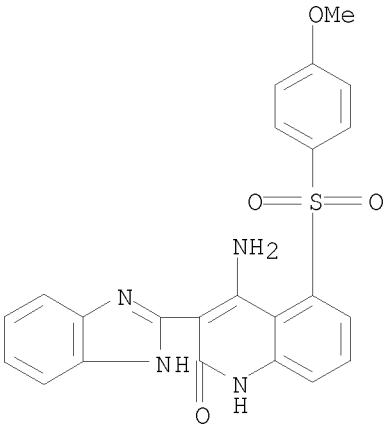
	US 2003-460328P	P	20030403
	US 2003-460493P	P	20030403
	US 2003-478916P	P	20030616
	US 2003-484048P	P	20030701
	WO 2003-US25990	W	20030819

OTHER SOURCE(S): MARPAT 140:235711

IT 668429-47-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazole quinolinones for inhibiting a serine/threonine kinase)

RN 668429-47-8 CAPLUS

CN 2(1H)-Quinolinone, 4-amino-3-(1H-benzimidazol-2-yl)-5-[(4-methoxyphenyl)sulfonyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L3 ANSWER 25 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:20686 CAPLUS

DOCUMENT NUMBER: 140:77152

TITLE: Preparation of novel benzimidazole derivatives as neuropeptide Y receptor antagonists

INVENTOR(S): Otake, Norikazu; Moriya, Minoru; Ogino, Yoshio; Matsuda, Kenji; Nagae, Yoshikazu; Kanatani, Akio; Fukami, Takehiro

PATENT ASSIGNEE(S): Banyu Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 171 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004002986	A2	20040108	WO 2003-JP8161	20030626
WO 2004002986	A3	20040422		

W: AE, AG, AL, AM, AU, AZ, BA, BB, BR, BY, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GH, HR, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, RU, SC, SG, SY, TJ, TM, TN, TT, UA, US, UZ, VC, VN, YU, ZA

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,

KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 20040054177	A1	20040318	US 2003-463390		20030618
US 7105526	B2	20060912			
CA 2490722	A1	20040108	CA 2003-2490722		20030626
AU 2003248248	A1	20040119	AU 2003-248248		20030626
AU 2003248248	B2	20090312			
JP 2004123706	A	20040422	JP 2003-182241		20030626
BR 2003012066	A	20050329	BR 2003-12066		20030626
EP 1517908	A2	20050330	EP 2003-761822		20030626

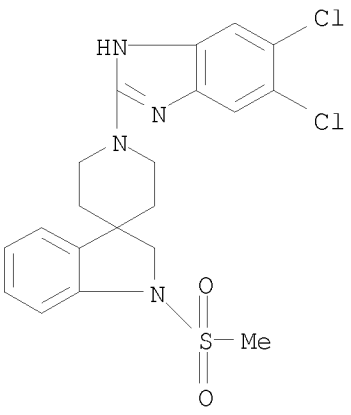
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

CN 1668615	A	20050914	CN 2003-815343		20030626
CN 100427486	C	20081022			
CN 1955178	A	20070502	CN 2006-10095672		20030626
ZA 2004009339	A	20060222	ZA 2004-9339		20041119
IN 2004KN01893	A	20061103	IN 2004-KN1893		20041209
MX 2004012731	A	20050323	MX 2004-12731		20041215
NO 2005000184	A	20050112	NO 2005-184		20050112
US 20060205750	A1	20060914	US 2006-431274		20060510
IN 2008KN02498	A	20090123	IN 2008-KN2498		20080620
PRIORITY APPLN. INFO.:			JP 2002-190978	A	20020628
			US 2003-463390	A3	20030618
			CN 2003-815343	A3	20030626
			WO 2003-JP8161	W	20030626
			IN 2004-KN1893	A3	20041209

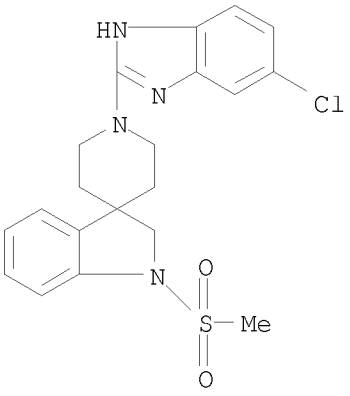
OTHER SOURCE(S): MARPAT 140:77152

IT 640271-02-9P 640271-03-0P 640271-62-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazole derivs. as neuropeptide Y receptor antagonists)

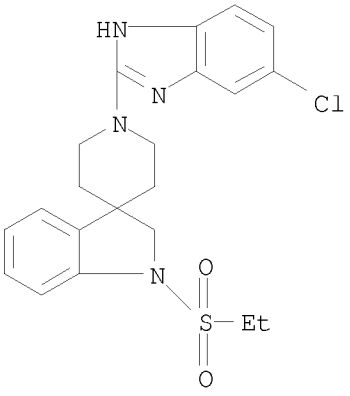
RN 640271-02-9 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine], 1'-(5,6-dichloro-1H-benzimidazol-2-yl)-1,2-dihydro-1-(methylsulfonyl)- (CA INDEX NAME)



RN 640271-03-0 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine], 1'-(6-chloro-1H-benzimidazol-2-yl)-1,2-dihydro-1-(methylsulfonyl)- (CA INDEX NAME)



RN 640271-62-1 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine], 1'-(6-chloro-1H-benzimidazol-2-yl)-1-(ethylsulfonyl)-1,2-dihydro- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 26 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:855758 CAPLUS
DOCUMENT NUMBER: 139:364829
TITLE: Preparation of heterocyclo inhibitors of potassium channel function
INVENTOR(S): Lloyd, John; Jeon, Yoon T.; Finlay, Heather; Yan, Lin; Beaudoin, Serge; Gross, Michael F.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA; Icagen, Inc.
SOURCE: PCT Int. Appl., 330 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003088908	A2	20031030	WO 2003-US11807	20030416
WO 2003088908	A3	20040527		

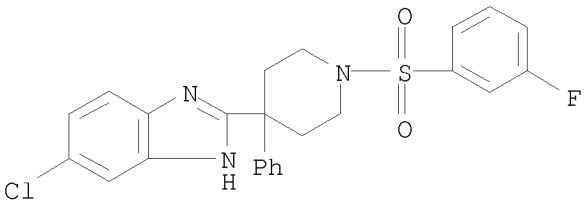
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003223651	A1	20031103	AU 2003-223651		20030416
EP 1501467	A2	20050202	EP 2003-719792		20030416
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
JP 2005529114	T	20050929	JP 2003-585661		20030416
NO 2004004351	A	20041013	NO 2004-4351		20041013
PRIORITY APPLN. INFO.:			US 2002-374279P	P	20020419
			WO 2003-US11807	W	20030416

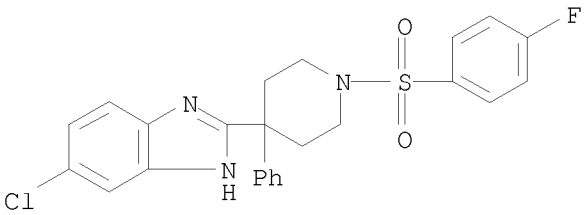
OTHER SOURCE(S): MARPAT 139:364829

IT 619292-00-1P 619292-01-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted piperidines as inhibitors of potassium channel function)

RN 619292-00-1 CAPLUS
CN 1H-Benzimidazole, 6-chloro-2-[1-[(3-fluorophenyl)sulfonyl]-4-phenyl-4-piperidinyl]- (CA INDEX NAME)



RN 619292-01-2 CAPLUS
CN 1H-Benzimidazole, 6-chloro-2-[1-[(4-fluorophenyl)sulfonyl]-4-phenyl-4-piperidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 27 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:334903 CAPLUS
DOCUMENT NUMBER: 138:353988

TITLE: Preparation of benzimidazoles and analogs and their use as protein kinase inhibitors

INVENTOR(S): Edwards, Michael Louis; Cox, Paul Joseph; Amendola, Shelley; Deprets, Stephanie Daniele; Gillespy, Timothy Alan; Edlin, Christopher David; Morley, Andrew David; Gardner, Charles J.; Pedgrift, Brian; Bouchard, Herve; Babin, Didier; Gauzy, Laurence; Le Brun, Alain; Majid, Tahir Nedeem; Reader, John C.; Payne, Lloyd J.; Khan, Nawaz M.; Cherry, Michael

PATENT ASSIGNEE(S): Aventis Pharmaceuticals Inc., USA

SOURCE: PCT Int. Appl., 711 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003035065	A1	20030501	WO 2002-GB4763	20021024
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
FR 2831537	A1	20030502	FR 2001-13868	20011026
FR 2831537	B1	20080229		
CA 2465247	A1	20030501	CA 2002-2465247	20021024
AU 2002334217	A1	20030506	AU 2002-334217	20021024
AU 2002334217	B2	20080703		
US 20040048868	A1	20040311	US 2002-279834	20021024
US 6897208	B2	20050524		
EP 1441725	A1	20040804	EP 2002-801954	20021024
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002013562	A	20040831	BR 2002-13562	20021024
JP 2005509633	T	20050414	JP 2003-537632	20021024
MX 2004003954	A	20041129	MX 2004-3954	20040426
US 20060014756	A1	20060119	US 2005-29064	20050104

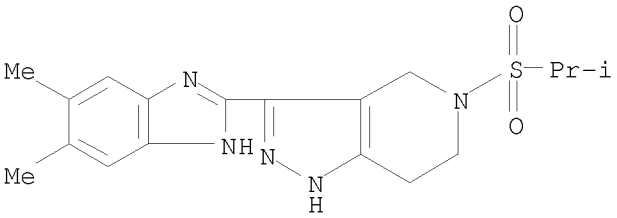
PRIORITY APPLN. INFO.:		
FR 2001-13868	A	20011026
GB 2002-6893	A	20020322
GB 2002-6895	A	20020322
US 2002-395060P	P	20020711
US 2002-395151P	P	20020711
US 2002-279834	A1	20021024
WO 2002-GB4763	W	20021024

OTHER SOURCE(S): MARPAT 138:353988

IT 518990-87-9P, 3-(5,6-Dimethyl-1H-benzimidazol-2-yl)-5-(propane-2-sulfonyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of benzimidazoles and analogs and their use as protein kinase inhibitors)

RN 518990-87-9 CAPLUS

CN 1H-Pyrazolo[4,3-c]pyridine, 3-(5,6-dimethyl-1H-benzimidazol-2-yl)-4,5,6,7-tetrahydro-5-[(1-methylethyl)sulfonyl]- (CA INDEX NAME)

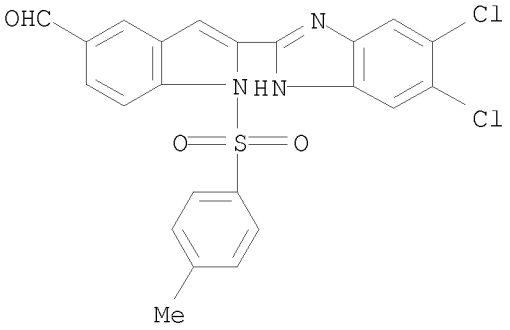


OS.CITING REF COUNT: 27 THERE ARE 27 CAPLUS RECORDS THAT CITE THIS RECORD (37 CITINGS)
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

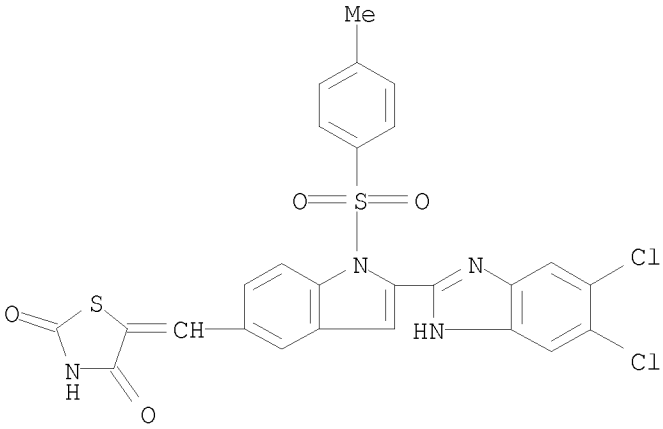
L3 ANSWER 28 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2002:504618 CAPLUS
DOCUMENT NUMBER: 137:63244
TITLE: Preparation of 5-[4-(2-benzimidazolyl)phenyl]methylene-2,4-dioxothiazolidines as telomerase inhibitors
INVENTOR(S): Akama, Tsutomu; Holcomb, Ryan; Tolman, Richard L.
PATENT ASSIGNEE(S): Geron Corporation, USA; Kyowa Hakko Kogyo Co., Ltd.
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002051409	A1	20020704	WO 2001-US48779	20011217
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20020120144	A1	20020829	US 2000-748622	20001222
US 6452014	B1	20020917		
AU 2002230955	A1	20020708	AU 2002-230955	20011217
PRIORITY APPLN. INFO.:			US 2000-748622 A	20001222
			WO 2001-US48779 W	20011217

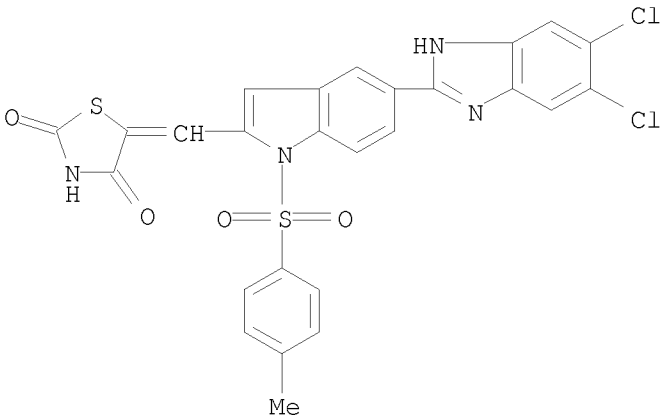
OTHER SOURCE(S): MARPAT 137:63244
IT 439815-04-0P 439815-05-1P 439815-07-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 5-[4-(2-benzimidazolyl)phenyl]methylene-2,4-dioxothiazolidines as telomerase inhibitors)
RN 439815-04-0 CAPLUS
CN 1H-Indole-5-carboxaldehyde, 2-(5,6-dichloro-1H-benzimidazol-2-yl)-1-[(4-methylphenyl)sulfonyl]- (CA INDEX NAME)



RN 439815-05-1 CAPLUS
CN 2,4-Thiazolidinedione, 5-[[2-(5,6-dichloro-1H-benzimidazol-2-yl)-1-[(4-methylphenyl)sulfonyl]-1H-indol-5-yl]methylene]- (CA INDEX NAME)



RN 439815-07-3 CAPLUS
CN 2,4-Thiazolidinedione, 5-[[5-(5,6-dichloro-1H-benzimidazol-2-yl)-1-[(4-methylphenyl)sulfonyl]-1H-indol-2-yl]methylene]- (CA INDEX NAME)



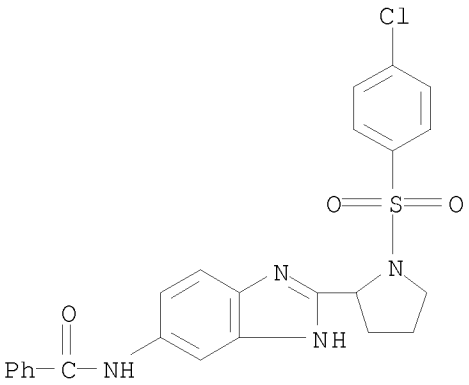
OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

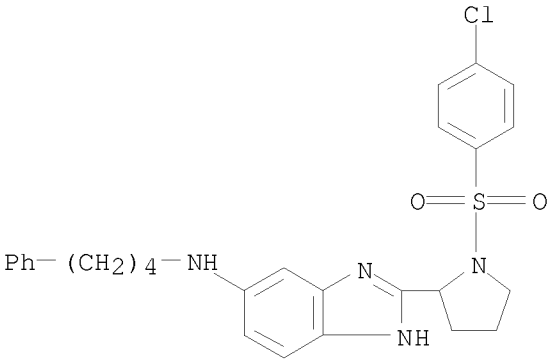
L3 ANSWER 29 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:668212 CAPLUS
DOCUMENT NUMBER: 135:226999
TITLE: Preparation of 2-azolylpyrrolidine or -piperidine derivatives having neurite outgrowth activity
INVENTOR(S): Kato, Susumu; Ueno, Hiroshi; Kondo, Wataru
PATENT ASSIGNEE(S): Japan Tobacco, Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 81 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001247569	A	20010911	JP 2000-236882	20000804
PRIORITY APPLN. INFO.:			JP 1999-228938 A	19990812
			JP 1999-375867 A	19991228

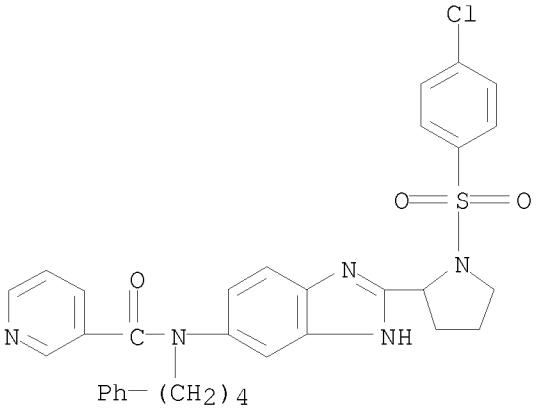
OTHER SOURCE(S): MARPAT 135:226999
IT 359802-92-9P 359802-99-6P 359803-00-2P
359803-01-3P 359803-02-4P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-azolylpyrrolidine or -piperidine derivs. having neurite outgrowth activity for treatment and/or prevention of nerve injury or neurodegenerative diseases)
RN 359802-92-9 CAPLUS
CN Benzamide, N-[2-[1-[(4-chlorophenyl)sulfonyl]-2-pyrrolidinyl]-1H-benzimidazol-6-yl]- (CA INDEX NAME)



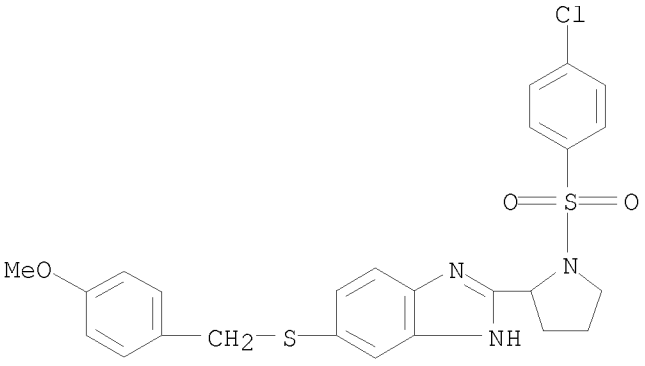
RN 359802-99-6 CAPLUS
CN 1H-Benzimidazol-6-amine, 2-[1-[(4-chlorophenyl)sulfonyl]-2-pyrrolidinyl]-N-(4-phenylbutyl)- (CA INDEX NAME)



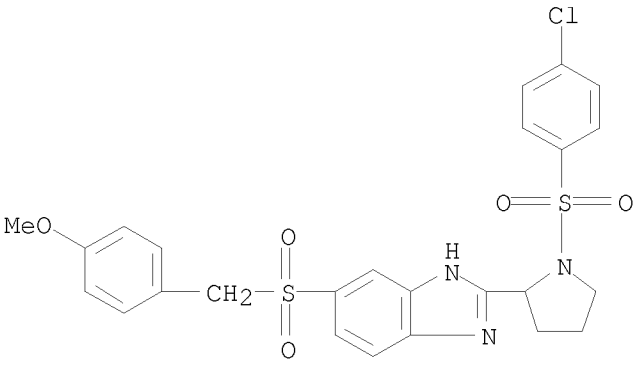
RN 359803-00-2 CAPLUS
CN 3-Pyridinecarboxamide, N-[2-[1-[(4-chlorophenyl)sulfonyl]-2-pyrrolidinyl]-1H-benzimidazol-6-yl]-N-(4-phenylbutyl)- (CA INDEX NAME)



RN 359803-01-3 CAPLUS
CN 1H-Benzimidazole, 2-[1-[(4-chlorophenyl)sulfonyl]-2-pyrrolidinyl]-6-[[(4-methoxyphenyl)methyl]thio]- (CA INDEX NAME)



RN 359803-02-4 CAPLUS
CN 1H-Benzimidazole, 2-[1-[(4-chlorophenyl)sulfonyl]-2-pyrrolidinyl]-6-[[(4-methoxyphenyl)methyl]sulfonyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L3 ANSWER 30 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:630906 CAPLUS
DOCUMENT NUMBER: 135:195793
TITLE: Novel macrocyclic compounds as metalloprotease inhibitors
INVENTOR(S): Xue, Chu-bio; Decicco, Carl P.; Cherney, Robert J.; Arner, Elizabeth; Degrado, William F.; Duan, Jingwu; He, Xiaohua; Jacobson, Irina Cipora; Magolda, Ronald L.; Nelson, David
PATENT ASSIGNEE(S): Dupont Pharmaceuticals Company, USA
SOURCE: U.S., 118 pp., Cont.-in-part of U.S. Ser. No. 743,439, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6281352	B1	20010828	US 1997-856223	19970514
ZA 9609528	A	19980513	ZA 1996-9528	19961113
CA 2287923	A1	19981119	CA 1998-2287923	19980514
WO 9851665	A2	19981119	WO 1998-US9789	19980514
WO 9851665	A3	19990325		
W: AU, BR, CA, CN, CZ, EE, HU, IL, JP, KR, LT, LV, MX, NO, NZ, PL, RO, SG, SI, SK, UA, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9873853	A	19981208	AU 1998-73853	19980514
EP 981521	A2	20000301	EP 1998-921183	19980514
EP 981521	B1	20021211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001524949	T	20011204	JP 1998-539935	19980514
AT 229514	T	20021215	AT 1998-921183	19980514
ES 2189165	T3	20030701	ES 1998-921183	19980514

PRIORITY APPLN. INFO.:

US 1995-6684P	P	19951114
US 1996-743439	B2	19961101
US 1997-856223	A	19970514
WO 1998-US9789	W	19980514

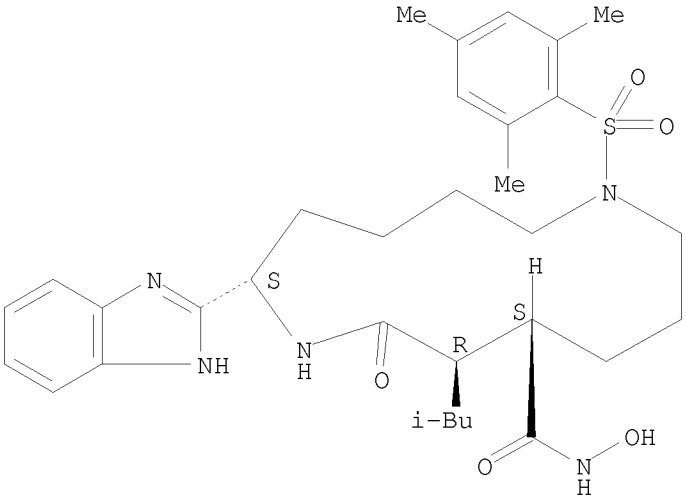
OTHER SOURCE(S): MARPAT 135:195793
IT 1100875-23-7 1100876-88-7 1100913-05-0
1100913-43-6

RL: PRPH (Prophetic)
(Novel macrocyclic compounds as metalloprotease inhibitors)

RN 1100875-23-7 CAPLUS

CN 1,7-Diazacyclotridecane-10-carboxamide, 6-(1H-benzimidazol-2-yl)-N-hydroxy-9-(2-methylpropyl)-8-oxo-1-[(2,4,6-trimethylphenyl)sulfonyl]-, (6S,9R,10S)- (CA INDEX NAME)

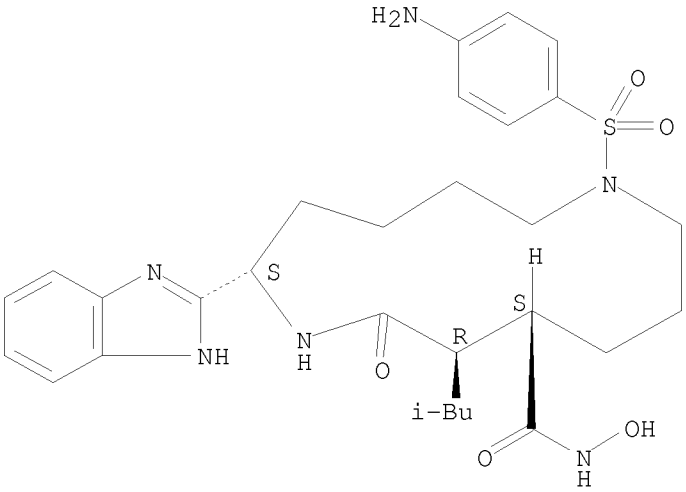
Absolute stereochemistry.



RN 1100876-88-7 CAPLUS

CN 1,7-Diazacyclotridecane-10-carboxamide, 1-[(4-aminophenyl)sulfonyl]-6-(1H-benzimidazol-2-yl)-N-hydroxy-9-(2-methylpropyl)-8-oxo-, (6S,9R,10S)- (CA INDEX NAME)

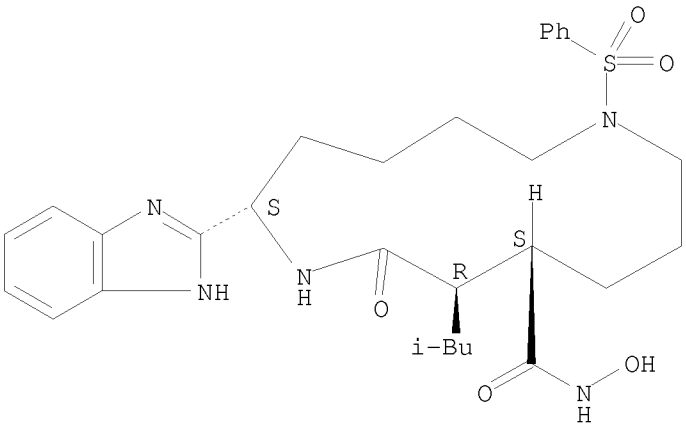
Absolute stereochemistry.



RN 1100913-05-0 CAPLUS

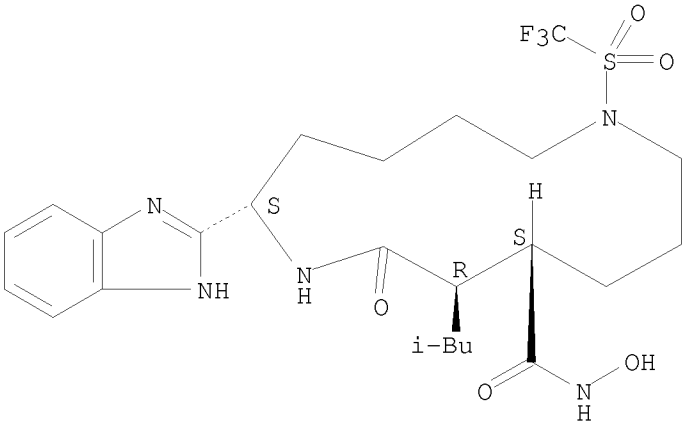
CN 1,7-Diazacyclotridecane-10-carboxamide, 6-(1H-benzimidazol-2-yl)-N-hydroxy-9-(2-methylpropyl)-8-oxo-1-(phenylsulfonyl)-, (6S,9R,10S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1100913-43-6 CAPLUS
CN 1,7-Diazacyclotridecane-10-carboxamide, 6-(1H-benzimidazol-2-yl)-N-hydroxy-9-(2-methylpropyl)-8-oxo-1-[(trifluoromethyl)sulfonyl]-, (6S,9R,10S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 31 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:472714 CAPLUS
DOCUMENT NUMBER: 135:76871
TITLE: Preparation of substituted homopiperidinyl benzimidazole analogues as fundic relaxants
INVENTOR(S): Janssens, Frans Eduard; Guillemont, Jerome Emile Georges; Sommen, Francois Maria
PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
SOURCE: PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

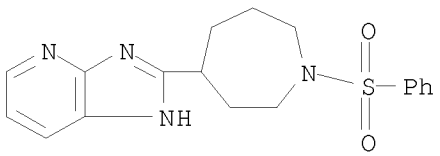
WO 2001046189	A1	20010628	WO 2000-EP12858	20001214
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
TW 225488	B	20041221	TW 2000-89126315	20001211
CA 2393158	A1	20010628	CA 2000-2393158	20001214
BR 2000016638	A	20021001	BR 2000-16638	20001214
EP 1250337	A1	20021023	EP 2000-985180	20001214
EP 1250337	B1	20081203		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
HU 2002003847	A2	20030328	HU 2002-3847	20001214
HU 2002003847	A3	20040728		
JP 2003518118	T	20030603	JP 2001-547099	20001214
EE 200200326	A	20031015	EE 2002-326	20001214
EE 5182	B1	20090615		
AU 781144	B2	20050505	AU 2001-21673	20001214
CN 100343251	C	20071017	CN 2000-817445	20001214
IL 150310	A	20080708	IL 2000-150310	20001214
CZ 299803	B6	20081203	CZ 2002-2055	20001214
AT 416174	T	20081215	AT 2000-985180	20001214
ES 2317856	T3	20090501	ES 2000-985180	20001214
BG 106749	A	20030131	BG 2002-106749	20020529
IN 2002MN00745	A	20050304	IN 2002-MN745	20020607
HR 2002000518	B1	20090228	HR 2002-518	20020613
US 20030139393	A1	20030724	US 2002-169011	20020619
US 7304052	B2	20071204		
NO 2002002977	A	20020808	NO 2002-2977	20020620
NO 322362	B1	20060925		
ZA 2002004983	A	20030922	ZA 2002-4983	20020620
MX 2002006346	A	20021213	MX 2002-6346	20020621
HK 1053109	A1	20080801	HK 2003-105325	20030723
PRIORITY APPLN. INFO.:			EP 1999-204441 A	19991221
			WO 2000-EP12858 W	20001214

OTHER SOURCE(S): MARPAT 135:76871

IT 346733-63-9P 346733-64-0P 346734-07-4P
346734-16-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted homopiperidinyl benzimidazole analogs as fundic relaxants)

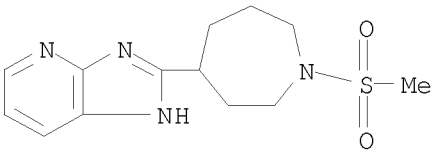
RN 346733-63-9 CAPLUS

CN 3H-Imidazo[4,5-b]pyridine, 2-[hexahydro-1-(phenylsulfonyl)-1H-azepin-4-yl]- (CA INDEX NAME)

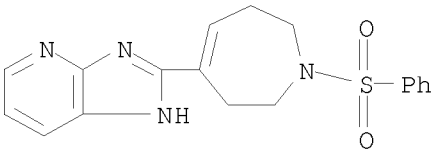


RN 346733-64-0 CAPLUS

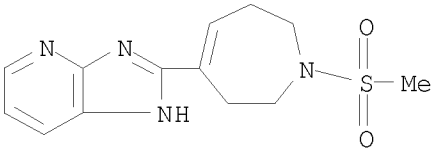
CN 3H-Imidazo[4,5-b]pyridine, 2-[hexahydro-1-(methylsulfonyl)-1H-azepin-4-yl]- (CA INDEX NAME)



RN 346734-07-4 CAPLUS
CN 3H-Imidazo[4,5-b]pyridine, 2-[2,3,6,7-tetrahydro-1-(phenylsulfonyl)-1H-azepin-4-yl]- (CA INDEX NAME)



RN 346734-16-5 CAPLUS
CN 3H-Imidazo[4,5-b]pyridine, 2-[2,3,6,7-tetrahydro-1-(methylsulfonyl)-1H-azepin-4-yl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 32 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:228885 CAPLUS
DOCUMENT NUMBER: 134:252339
TITLE: Preparation of benzimidazole derivatives as poly(ADP-ribose) polymerase (PARP) inhibitors
INVENTOR(S): Takayama, Kazuhisa; Koga, Yuji; Masuda, Naoyuki; Miyazaki, Yoji; Kimura, Takenori; Nagashima, Shinya; Okamoto, Yoshinori; Okada, Yohei; Takeuchi, Makoto
PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021615	A1	20010329	WO 2000-JP6319	20000914

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

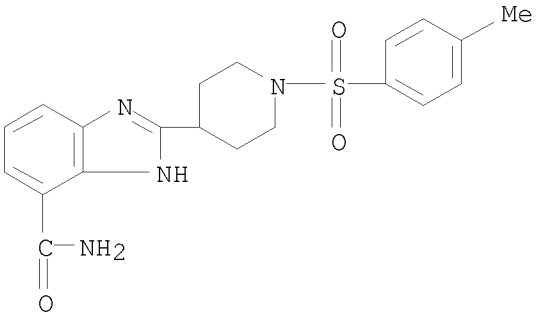
PRIORITY APPLN. INFO.: JP 1999-264431 A 19990917
JP 2000-170715 A 20000607

OTHER SOURCE(S): MARPAT 134:252339

IT 330948-23-7P, 2-(1-(p-Toluenesulfonyl)piperidin-4-yl)-1H-benzimidazole-4-carboxamide 330949-70-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazole derivs. as poly(ADP-ribose) polymerase (PARP) inhibitors in prevention or treatment of various PARP-related diseases)

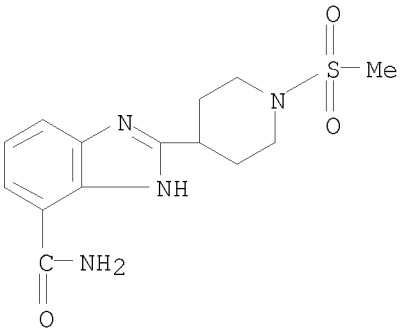
RN 330948-23-7 CAPLUS

CN 1H-Benzimidazole-7-carboxamide, 2-[1-[(4-methylphenyl)sulfonyl]-4-piperidinyl]- (CA INDEX NAME)



RN 330949-70-7 CAPLUS

CN 1H-Benzimidazole-7-carboxamide, 2-[1-(methylsulfonyl)-4-piperidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 33 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:882194 CAPLUS

DOCUMENT NUMBER: 134:178584

TITLE: Labelling of carbaboranyl compounds with a selenium

atom with a view to applications in boron-neutron-capture therapy (BNCT) and positron-emission tomography (PET)

AUTHOR(S): Dos Santos, Deborah F.; Argentini, Mario; Weinreich, Regin; Hansen, Hans-Jurgen

CORPORATE SOURCE: Organisch-Chemisches Institut der Universitat Zurich, Zurich, CH-8057, Switz.

SOURCE: Helvetica Chimica Acta (2000), 83(11), 2926-2938
CODEN: HCACAV; ISSN: 0018-019X

PUBLISHER: Verlag Helvetica Chimica Acta

DOCUMENT TYPE: Journal

LANGUAGE: English

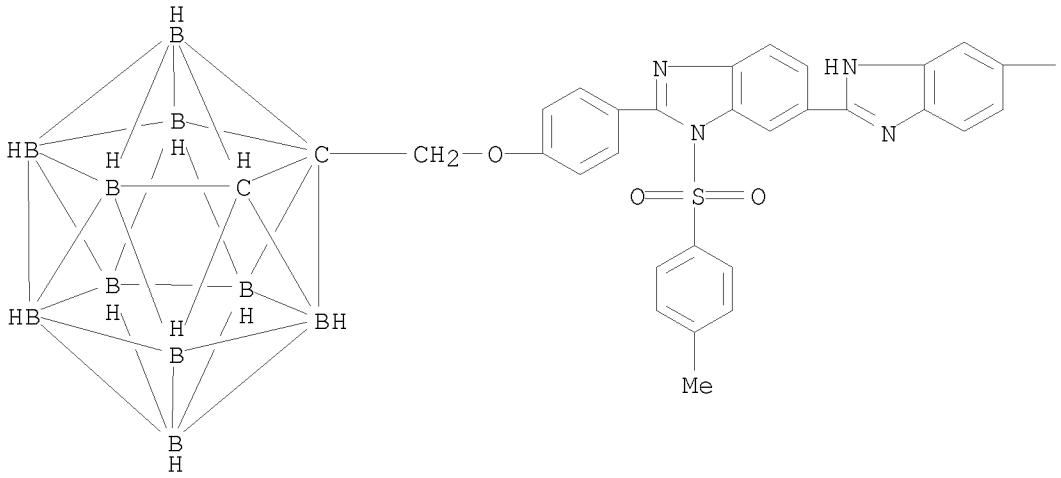
OTHER SOURCE(S): CASREACT 134:178584

IT 326833-45-8P 326833-46-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(labeling of carbaboranyl compds. with selenium atom with view to applications in boron-neutron-capture therapy (BNCT) and positron-emission tomog. (PET))

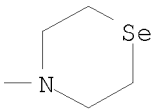
RN 326833-45-8 CAPLUS

CN 2,6'-Bi-1H-benzimidazole, 2'-[4-(1,2-dicarbadodecaboran(12)-1-ylmethoxy)phenyl]-1'-[(4-methylphenyl)sulfonyl]-5-(tetrahydro-4H-1,4-selenazin-4-yl)- (9CI) (CA INDEX NAME)

PAGE 1-A



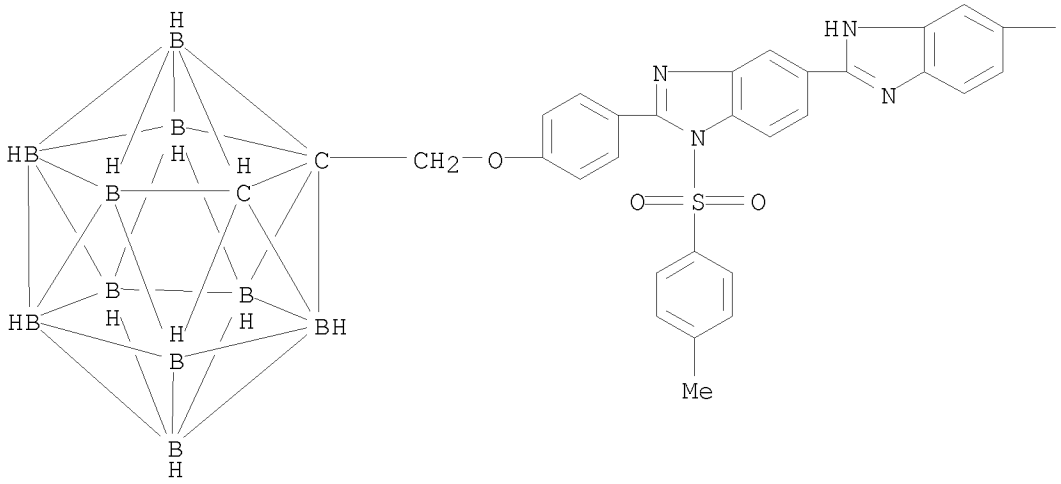
PAGE 1-B



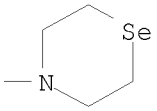
RN 326833-46-9 CAPLUS

CN 2,5'-Bi-1H-benzimidazole, 2'-[4-(1,2-dicarbadodecaboran(12)-1-ylmethoxy)phenyl]-1'-[(4-methylphenyl)sulfonyl]-5-(tetrahydro-4H-1,4-selenazin-4-yl)- (9CI) (CA INDEX NAME)

PAGE 1-A

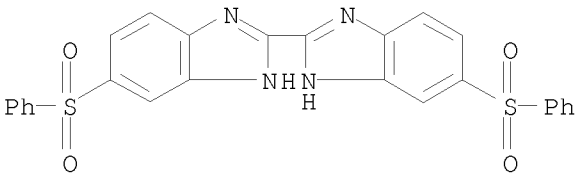


PAGE 1-B



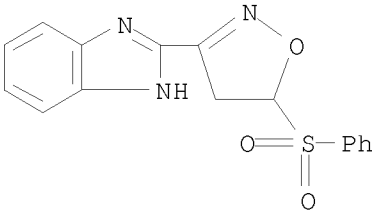
OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 34 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:661863 CAPLUS
DOCUMENT NUMBER: 132:49922
TITLE: Syntheses and reactions of 2,2'-bisbenzimidazole systems
AUTHOR(S): Von Glahn, Benita; Kramer, Walter; Neidlein, Richard; Suschitzky, Hans
CORPORATE SOURCE: Pharmazeutisch-Chemisches Institut der Universitat Heidelberg, Heidelberg, D-69120, Germany
SOURCE: Journal of Heterocyclic Chemistry (1999), 36(4), 1001-1012
CODEN: JHTCAD; ISSN: 0022-152X
PUBLISHER: HeteroCorporation
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 252680-40-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reactions of 2,2'-bisbenzimidazole systems)
RN 252680-40-3 CAPLUS
CN 2,2'-Bi-1H-benzimidazole, 6,6'-bis(phenylsulfonyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

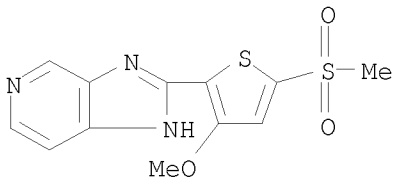
L3 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1996:279397 CAPLUS
DOCUMENT NUMBER: 125:33519
ORIGINAL REFERENCE NO.: 125:6548h,6549a
TITLE: The cycloaddition reactions of benzimidazole-2-carbonitrile oxide with alkenes
AUTHOR(S): Cundy, Darren J.; Simpson, Gregory W.
CORPORATE SOURCE: Div. Chemicals Polymers, CSIRO, Clayton, 3169, Australia
SOURCE: Australian Journal of Chemistry (1996), 49(2), 199-203
CODEN: AJCHAS; ISSN: 0004-9425
PUBLISHER: Commonwealth Scientific and Industrial Research Organization
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 125:33519
IT 177780-81-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 177780-81-3 CAPLUS
CN 1H-Benzimidazole, 2-[4,5-dihydro-5-(phenylsulfonyl)-3-isoxazolyl]- (CA INDEX NAME)



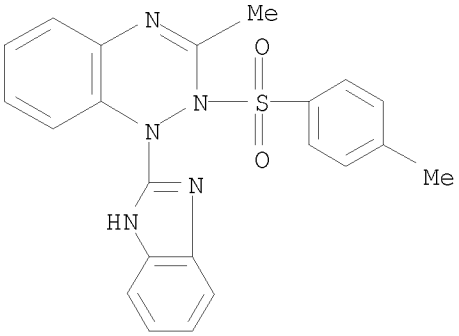
OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

L3 ANSWER 36 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1995:758044 CAPLUS
DOCUMENT NUMBER: 123:188113
ORIGINAL REFERENCE NO.: 123:33149a,33152a
TITLE: Characterization of the phosphodiesterase inhibition by 2-(3-methoxy-5-methylsulfinyl-2-thienyl)-1H-imidazo-(4,5-c)-pyridine HCl and its sulfide- and sulfone derivatives in myocardial preparations from failing human hearts
AUTHOR(S): Bethke, T. H.; Klimkiewicz, A.; Meyer, W.; Schumacher, C.; Schmitz, W.; Scholz, H.; Starbatty, J.; Wenzlaff, H.; Zimmermann, W.

CORPORATE SOURCE: Pharmakologisches Inst., Univ. Krankenhaus Eppendorf, Germany
SOURCE: Arzneimittel-Forschung (1995), 45(7), 771-6
CODEN: ARZNAD; ISSN: 0004-4172
PUBLISHER: Cantor
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 168886-47-3
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(phosphodiesterase inhibition by HN-10200 and its sulfide- and sulfone derivs. in myocardial prepns. from failing human hearts)
RN 168886-47-3 CAPLUS
CN 3H-Imidazo[4,5-c]pyridine, 2-[3-methoxy-5-(methylsulfonyl)-2-thienyl]- (CA INDEX NAME)

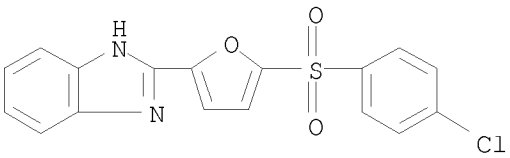


L3 ANSWER 37 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1990:497576 CAPLUS
DOCUMENT NUMBER: 113:97576
ORIGINAL REFERENCE NO.: 113:16485a,16488a
TITLE: Synthesis of some new 1,2,4-benzotriazine derivatives from 2-methylbenzoxazole
AUTHOR(S): Abdel-Rahman, R. M.; El-Gendy, Z.
CORPORATE SOURCE: Fac. Educ., Ain-Shams Univ., Cairo, Egypt
SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1989), 28B(12), 1072-6
CODEN: IJSBDB; ISSN: 0376-4699
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 113:97576
IT 128499-58-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 128499-58-1 CAPLUS
CN 1,2,4-Benzotriazine, 1-(1H-benzimidazol-2-yl)-1,2-dihydro-3-methyl-2-[(4-methylphenyl)sulfonyl]- (CA INDEX NAME)

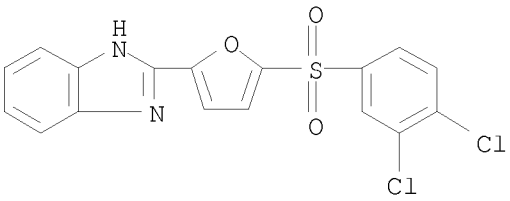


OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

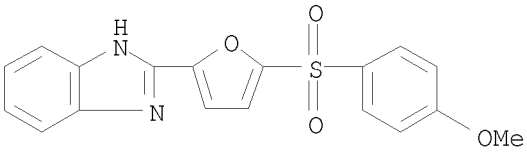
L3 ANSWER 38 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1980:639109 CAPLUS
DOCUMENT NUMBER: 93:239109
ORIGINAL REFERENCE NO.: 93:38291a,38294a
TITLE: Synthesis and biological activity of 5-arylsulfonyl-2-furancarboxamidine derivatives
AUTHOR(S): Shridhar, D. R.; Jogibhukta, M.; Reddy, P. Gopal; Krishnan, V. S. H.
CORPORATE SOURCE: Res. Cent., Indian Drugs Pharm. Ltd., Hyderabad, 500 037, India
SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1980), 19B(5), 386-8
CODEN: IJSBDB; ISSN: 0376-4699
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 93:239109
IT 75745-84-5P 75745-85-6P 75745-86-7P
75745-87-8P 75745-99-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 75745-84-5 CAPLUS
CN 1H-Benzimidazole, 2-[5-[(4-chlorophenyl)sulfonyl]-2-furanyl]- (CA INDEX NAME)



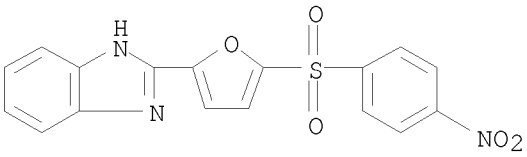
RN 75745-85-6 CAPLUS
CN 1H-Benzimidazole, 2-[5-[(3,4-dichlorophenyl)sulfonyl]-2-furanyl]- (CA INDEX NAME)



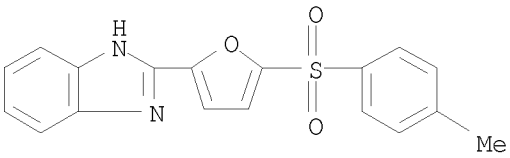
RN 75745-86-7 CAPLUS
CN 1H-Benzimidazole, 2-[5-[(4-methoxyphenyl)sulfonyl]-2-furanyl]- (CA INDEX NAME)



RN 75745-87-8 CAPLUS
CN 1H-Benzimidazole, 2-[5-[(4-nitrophenyl)sulfonyl]-2-furanyl]- (CA INDEX NAME)



RN 75745-99-2 CAPLUS
CN 1H-Benzimidazole, 2-[5-[(4-methylphenyl)sulfonyl]-2-furanyl]- (CA INDEX NAME)



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